

Converting Colors

XYZ(69.4921, 76.7443, 95.2229)

Have a look what the booklet for
XYZ(69.4921, 76.7443, 95.2229)
contains.

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Color

**XYZ(69.5122, 76.8205,
95.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE8F2
RGB	203, 232, 242
RGB Percent	80%, 91%, 95%
CMY	0.2039, 0.0902, 0.0510
CMYK	0.16, 0.04, 0.00, 0.05
HSL	195°, 60%, 87%
HSV	195°, 16%, 95%
XYZ	69.5122, 76.8205, 95.1686
YIQ	224.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

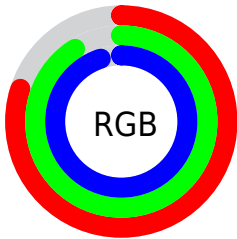
Format	Color
R _Y B	203, 220, 242
Decimal	13363442
CIE Lab	90.24, -7.44, -8.05
CIE LCh	90, 10.967, 227.249
Yxy	76.8205, 0.2878, 0.3181
Android (android.graphics.Color)	4291553522 (0xFFCBE8F2)
YUV	224.4690, 8.6428, -18.8283
Hunter-Lab	87.6473, -11.8162, -3.0248

Details

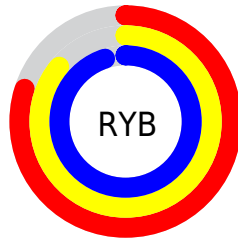
The XYZ color **69.5122, 76.8205, 95.1686** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1923, 70.7775, 66.4105**, and the grayscale version is **71.1394, 74.8442, 81.5053**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6010, 40.8917, 52.4182** is the 20% darker color. If you saturate the color by 10%, you get **61.7144, 70.2559, 94.3137**, and if you desaturate by 10%, it is **78.4049, 84.0451, 96.0956**.

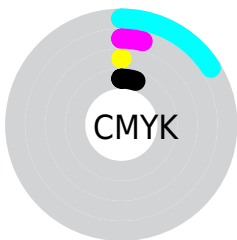
Distribution



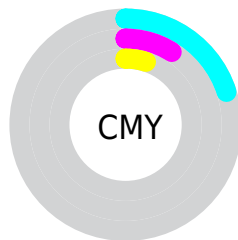
- Red (80%)
- Green (91%)
- Blue (95%)



- Red (80%)
- Yellow (86%)
- Blue (95%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5122, 76.8205, 95.1686 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.5122, 76.8205, 95.1686 by changing the saturation by 10% instead.

■ 69.5122, 76.8205,
95.1686

■ 69.5122, 76.8205,
95.1686

448.1286,
484.1518, 565.7027

■ 51.4071, 57.1056,
71.6776

117.5429,
128.8861, 156.4951

■ 36.7551, 41.0900,
52.4102

148.1993,
162.0055, 195.1677

■ 25.1907, 28.3894,
36.9476

183.7701,
200.3619, 239.7380

■ 16.3487, 18.6194,
24.8715

224.6207,
244.3396, 290.6244

■ 9.8636, 11.3956,
15.7632

271.1165,
294.3230, 348.2456

■ 5.3702, 6.3336,
9.2042

323.6229,

■ 2.5030, 3.0490,

350.6966, 413.0200

4.7760

382.5051,
413.8448, 485.3662

■ 0.8968, 1.1573,
2.0600

■ 0.0000, 0.0265,
0.5918

■ 69.5122, 76.8205,
95.1686

■ 69.5122, 76.8205,
95.1686

■ 61.7144, 70.2559,
94.3137

■ 78.4049, 84.0451,
96.0956

■ 54.9564, 64.3159,
93.5234

■ 88.4307, 91.9442,
97.0919

■ 49.1887, 58.9760,
92.7967

■ 91.6442, 96.4248,
97.7873

■ 44.3544, 54.2060,
92.1308

■ 93.0273, 99.1909,
98.2484

■ 40.3910, 49.9727,
91.5225

■ 37.2276, 46.2385,
90.9685

■ 34.7816, 42.9598,
90.4646

■ 32.9505, 40.0827,
90.0057

■ 32.3422, 39.0408,
89.8367

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.1194, 76.8205, 88.1789



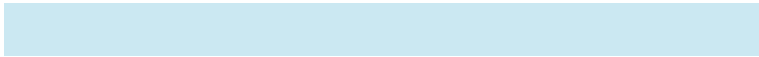
69.5122, 76.8205, 95.1686



71.8638, 76.8205, 99.1699

Triad

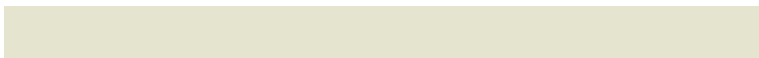
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5122, 76.8205, 95.1686



78.2525, 76.8205, 87.0045



71.4711, 76.8205, 70.1012

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.5122, 76.8205, 95.1686



71.1923, 70.7775, 66.4105

Split Complementary

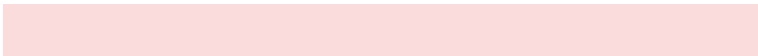
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1796, 76.8205, 69.8303



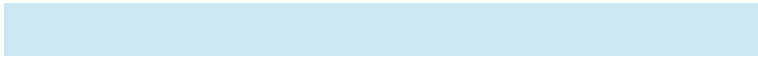
69.5122, 76.8205, 95.1686



78.1409, 76.8205, 79.2682

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



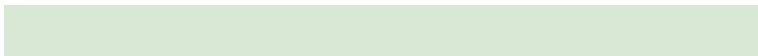
69.5122, 76.8205, 95.1686



76.9358, 76.8205, 94.2629



76.6347, 76.8205, 73.0904



69.2309, 76.8205, 73.8550

Rectangle

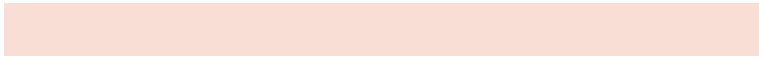
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



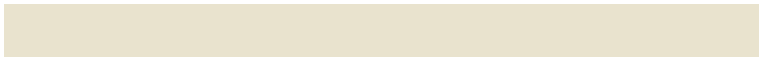
69.5122, 76.8205, 95.1686



73.6795, 76.8205, 99.4508



76.6347, 76.8205, 73.0904



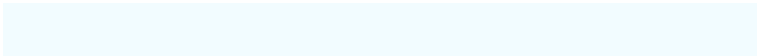
72.3557, 76.8205, 69.6085

Sweetspot

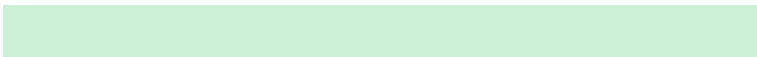
The Sweet Spot groups the original color and five complimentary colors.



69.5145, 76.8237, 95.1703



89.4800, 95.5940, 108.3431



68.3606, 80.9936, 74.8163



18.9904, 20.3318, 23.1735



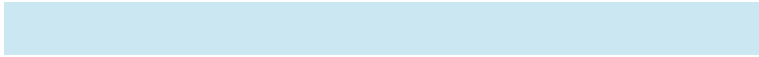
0.0000, 0.0000, 0.0000



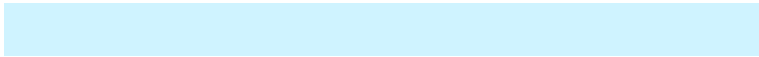
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5145, 76.8237, 95.1703



75.5818, 84.2712, 106.8901



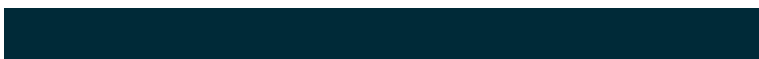
64.3884, 66.5716, 93.4616



15.8844, 17.2030, 20.2049



17.4899, 21.2040, 48.2988



1.5343, 1.9226, 4.0445

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.5412, 67.4170, 85.5370



79.5583, 72.1137, 94.1885



76.3258, 81.0445, 68.1217



16.2711, 15.9582, 18.9839



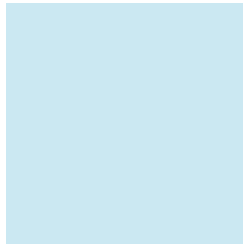
24.1537, 11.9339, 24.5237



2.0494, 1.0088, 2.2510

Previews

White Background



This preview shows how the XYZ color 69.5122, 76.8205, 95.1686 looks on a white background.

Color Contrast Check

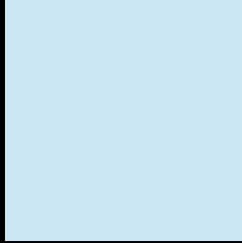
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.5122, 76.8205, 95.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

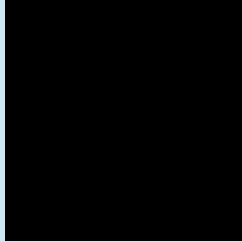
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5122, 76.8205, 95.1686

Background



This preview shows how black text looks on a background with the XYZ color 69.5122, 76.8205, 95.1686.

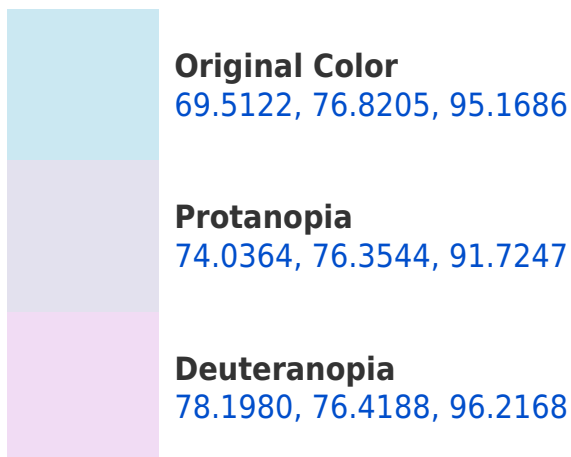


This preview shows how white text looks on a background with the XYZ color 69.5122, 76.8205,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

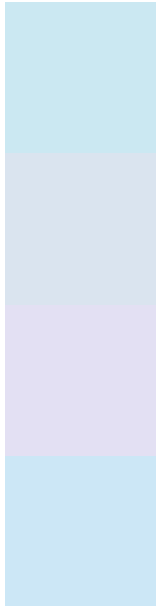




Tritanopia

70.5766, 76.8288, 100.7322

Trichromacy



Original Color

69.5122, 76.8205, 95.1686

Protanomaly

72.2368, 76.6242, 92.6440

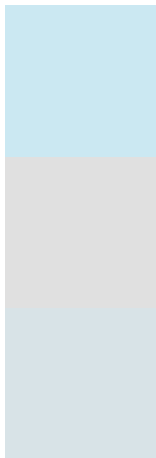
Deuteranomaly

74.5119, 76.1133, 95.5582

Tritanomaly

70.1123, 76.6430, 98.2870

Monochromacy



Original Color

69.5122, 76.8205, 95.1686

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2118, 75.3066, 86.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5122, 76.8205, 95.1686 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(203, 232, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.5122, 76.8205, 95.1686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 232, 242) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(203, 232, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(203, 232, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(203, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5122, 76.8205, 95.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 232, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
232, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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