

Converting Colors

XYZ(69.1559, 76.3034, 94.3235)

Have a look what the booklet for
XYZ(69.1559, 76.3034, 94.3235)
contains.

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Color

**XYZ(69.0817, 76.1992,
94.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE7F1
RGB	203, 231, 241
RGB Percent	80%, 91%, 95%
CMY	0.2039, 0.0941, 0.0549
CMYK	0.16, 0.04, 0.00, 0.05
HSL	196°, 58%, 87%
HSV	196°, 16%, 95%
XYZ	69.0817, 76.1992, 94.2860
YIQ	223.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

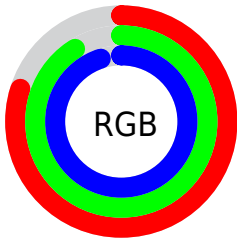
Format	Color
R _Y B	203, 219, 241
Decimal	13363185
CIE Lab	89.95, -7.14, -7.96
CIE LCh	90, 10.688, 228.097
Yxy	76.1992, 0.2884, 0.3181
Android (android.graphics.Color)	4291553265 (0xFFCBE7F1)
YUV	223.7680, 8.4954, -18.2135
Hunter-Lab	87.2922, -11.4990, -2.9358

Details

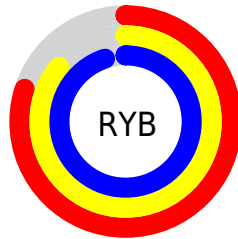
The XYZ color **69.0817, 76.1992, 94.2860** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8499, 70.6010, 66.3946**, and the grayscale version is **70.6392, 74.3180, 80.9322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2997, 40.4586, 51.7950** is the 20% darker color. If you saturate the color by 10%, you get **61.2799, 69.5923, 93.4232**, and if you desaturate by 10%, it is **77.9725, 83.4669, 95.2214**.

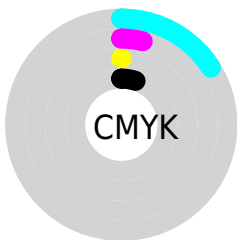
Distribution



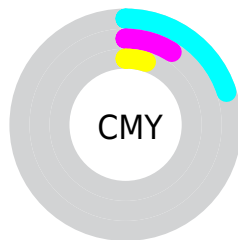
- Red (80%)
- Green (91%)
- Blue (95%)



- 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 69.0817, 76.1992, 94.2860 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 69.0817, 76.1992, 94.2860 by changing the saturation by 10% instead.

■ 69.0817, 76.1992,
94.2860

■ 69.0817, 76.1992,
94.2860

446.6359,
482.0293, 562.8025

■ 51.0551, 56.5959,
70.9473

116.9317,
128.0084, 155.2649

■ 36.4737, 40.6809,
51.8176

147.4858,
160.9831, 193.7421

■ 24.9721, 28.0698,
36.4785

182.9465,
199.1838, 238.1026

■ 16.1849, 18.3783,
24.5113

223.6791,
242.9947, 288.7649

■ 9.7467, 11.2219,
15.4977

270.0490,
292.8003, 346.1474

■ 5.2923, 6.2163,
9.0189

322.4216,

■ 2.4563, 2.9770,

348.9850, 410.6689

4.6565

381.1621,
411.9332, 482.7477

■ 0.8733, 1.1198,
1.9920

■ 0.0000, 0.0000,
0.5503

■ 69.0817, 76.1992,
94.2860

■ 69.0817, 76.1992,
94.2860

■ 61.2799, 69.5923,
93.4232

■ 77.9725, 83.4669,
95.2214

■ 54.5127, 63.6112,
92.6254

■ 87.9902, 91.4100,
96.2266

■ 48.7309, 58.2316,
91.8917

■ 91.3109, 95.9980,
96.9372

■ 43.8788, 53.4236,
91.2194

■ 92.8774, 99.1310,
97.4593

■ 39.8943, 49.1542,
90.6054

■ 36.7077, 45.3865,
90.0461

■ 34.2376, 42.0773,
89.5375

■ 32.3836, 39.1738,
89.0748

■ 31.7183, 38.0327,
88.8896

Harmonies

Analogous

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



67.6983, 76.1992, 87.5745



69.0817, 76.1992, 94.2860



71.3813, 76.1992, 98.0495

Triad

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



69.0817, 76.1992, 94.2860



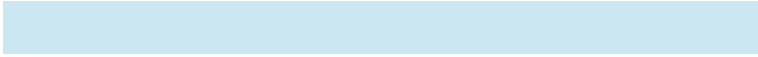
77.5156, 76.1992, 86.0081



70.8569, 76.1992, 69.8807

Complementary

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



69.0817, 76.1992, 94.2860



70.8499, 70.6010, 66.3946

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.



73.4789, 76.1992, 69.5181



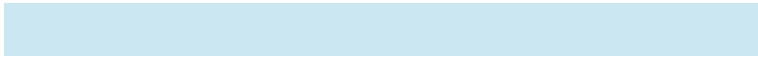
69.0817, 76.1992, 94.2860



77.3669, 76.1992, 78.5259

Square

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



69.0817, 76.1992, 94.2860



76.2761, 76.1992, 93.0794



75.8746, 76.1992, 72.5940



68.7059, 76.1992, 73.6167

Rectangle

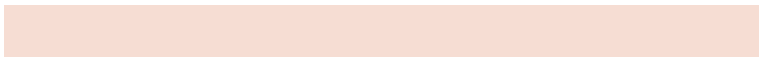
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



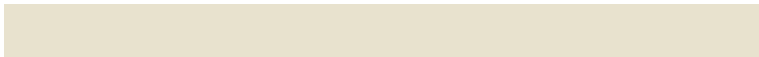
69.0817, 76.1992, 94.2860



73.1437, 76.1992, 98.2374



75.8746, 76.1992, 72.5940



71.7112, 76.1992, 69.3689

Sweetspot

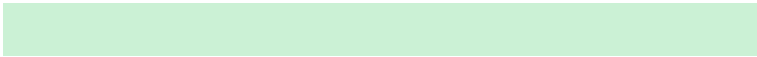
The Sweet Spot groups the original color and five complimentary colors.



69.0839, 76.2024, 94.2877



89.4531, 95.5400, 108.3341



68.0321, 80.3872, 74.5506



18.9839, 20.3187, 23.1713



0.0000, 0.0000, 0.0000



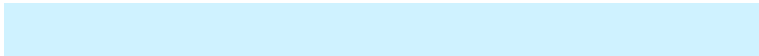
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0839, 76.2024, 94.2877



75.4843, 84.0762, 106.8576



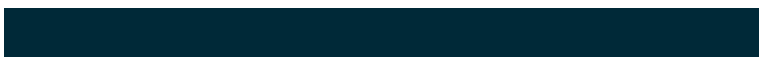
64.1759, 66.3862, 92.6517



15.8750, 17.1842, 20.2018



17.3156, 20.8555, 48.2408



1.5211, 1.8961, 4.0400

Inverse Universe

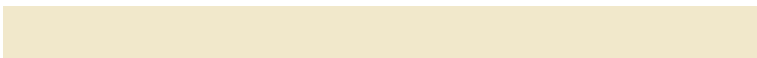
The Inverse Universe completely reimagines the original color for something new.



72.0571, 67.1838, 84.7749



79.5091, 72.0940, 93.9295



75.7725, 80.4461, 68.0354



16.2664, 15.9563, 18.9589



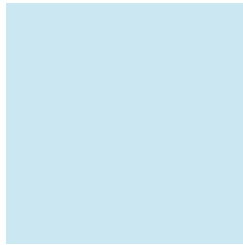
24.0657, 11.8987, 24.0605



2.0427, 1.0061, 2.2157

Previews

White Background



This preview shows how the XYZ color 69.0817, 76.1992, 94.2860 looks on a white background.

Color Contrast Check

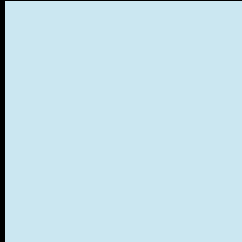
Large Text (above 18pt) WCAG AA × Fail

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 69.0817, 76.1992, 94.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

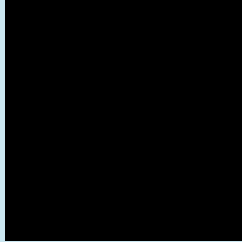
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

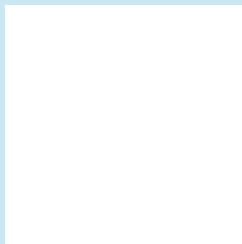
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0817, 76.1992, 94.2860

Background



This preview shows how black text looks on a background with the XYZ color 69.0817, 76.1992, 94.2860.

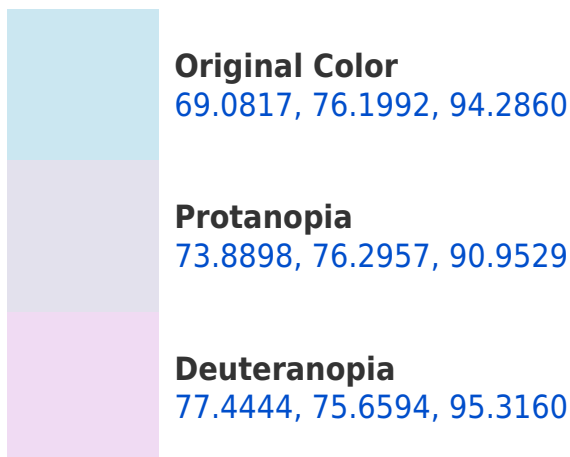


This preview shows how white text looks on a background with the XYZ color 69.0817, 76.1992,

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

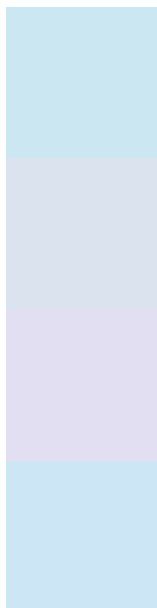




Tritanopia

70.1419, 76.2083, 99.8197

Trichromacy



Original Color

69.0817, 76.1992, 94.2860

Protanomaly

71.8151, 76.0166, 91.7765

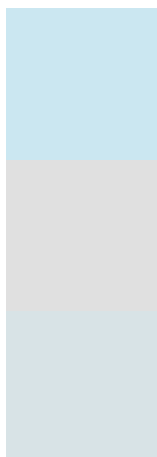
Deuteranomaly

74.0932, 75.5171, 94.6755

Tritanomaly

69.6801, 76.0236, 97.3877

Monochromacy



Original Color

69.0817, 76.1992, 94.2860

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.0709, 75.2503, 85.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0817, 76.1992, 94.2860 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, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(203, 231, 241)  
}
```

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, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 69.0817, 76.1992, 94.2860 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, 231, 241) }
```


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

```
.border{ border-color:rgb(203, 231, 241) }
```

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

Here you see how a box with a 4 pixel rgb(203, 231, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(203, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0817, 76.1992, 94.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 231, 241) }
```

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

```
.background{ background-color: rgb(203,  
231, 241) }
```

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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