

Converting Colors

XYZ(69.2438, 79.6834, 92.5475)

Have a look what the booklet for
XYZ(69.2438, 79.6834, 92.5475)
contains.

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Color

**XYZ(69.3251, 79.7764,
92.6335)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EFEE
RGB	197, 239, 238
RGB Percent	77%, 94%, 93%
CMY	0.2274, 0.0627, 0.0667
CMYK	0.18, 0.00, 0.00, 0.06
HSL	179°, 57%, 85%
HSV	179°, 18%, 94%
XYZ	69.3251, 79.7764, 92.6335
YIQ	226.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

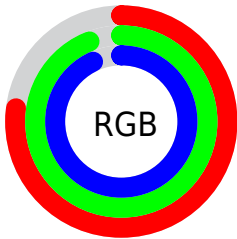
Format	Color
RYB	197, 218, 239
Decimal	12972014
CIELab	91.58, -13.65, -4.02
CIELCh	92, 14.228, 196.411
Yxy	79.7764, 0.2868, 0.3300
Android (android.graphics.Color)	4291162094 (0xFFC5EFEE)
YUV	226.3280, 5.7543, -25.7207
Hunter-Lab	89.3176, -17.7607, 1.0312

Details

The XYZ color **69.3251, 79.7764, 92.6335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.7588, 62.3627, 62.0009**, and the grayscale version is **72.5004, 76.2761, 83.0647**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **36.7047, 43.0840, 50.6375** is the 20% darker color. If you saturate the color by 10%, you get **63.4732, 76.7714, 91.9241**, and if you desaturate by 10%, it is **76.1741, 83.2996, 93.3943**.

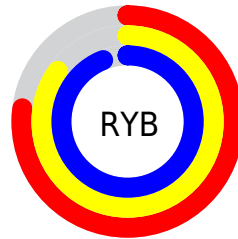
Distribution



Red (77%)

Green (94%)

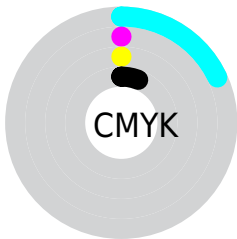
Blue (93%)



Red (77%)

Yellow (85%)

Blue (94%)

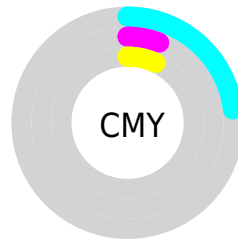


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3251, 79.7764, 92.6335 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 69.3251, 79.7764, 92.6335 by changing the saturation by 10% instead.

■ 69.3251, 79.7764,
92.6335

■ 69.3251, 79.7764,
92.6335

447.4802,
494.1790, 557.3504

■ 51.2541, 59.5344,
69.5810

117.2773,
133.0513, 152.9584

■ 36.6328, 43.0434,
50.7103

147.8893,
166.8530, 191.0679

■ 25.0956, 29.9192,
35.6030

183.4123,
205.9433, 235.0334

■ 16.2774, 19.7773,
23.8405

224.2117,
250.7068, 285.2734

■ 9.8128, 12.2332,
15.0042

270.6528,
301.5276, 342.2066

■ 5.3363, 6.9027,
8.6757

323.1010,

■ 2.4827, 3.4013,

358.7904, 406.2515

4.4363

381.9217,
422.8793, 477.8266

0.8865, 1.3447,
1.8676

0.0000, 0.1754,
0.4720

69.3251, 79.7764,
92.6335

69.3251, 79.7764,
92.6335

63.4732, 76.7714,
91.9241

76.1741, 83.2996,
93.3943

58.5648, 74.2507,
91.2586


84.0568, 87.3535,
94.2032


54.5518, 72.1915,
90.6364


87.7937, 89.2702,
94.8194


51.3791, 70.5655,
90.0549

87.8785, 89.3041,
95.2661


 48.9857, 69.3412,
89.5112


 87.9636, 89.3382,
95.7142


 47.3021, 68.4828,
89.0022


 88.0490, 89.3723,
96.1638


 46.2467, 67.9482,
88.5239

 88.1346, 89.4066,
96.6147

 45.7107, 67.6814,
88.0713

 88.2205, 89.4409,
97.0671

 45.6183, 67.6360,
87.9635

 88.3067, 89.4754,
97.5208

Harmonies

Analogous

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



69.2413, 79.7764, 82.2506



69.3251, 79.7764, 92.6335



71.1140, 79.7764, 102.1600

Triad

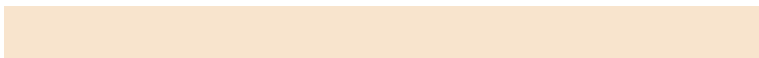
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3251, 79.7764, 92.6335



80.9935, 79.7764, 101.3864



77.4768, 79.7764, 68.8465

Complementary

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



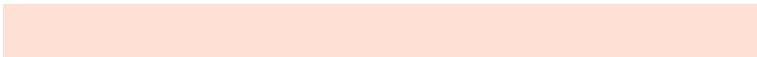
69.3251, 79.7764, 92.6335



65.7588, 62.3627, 62.0009

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.



80.7398, 79.7764, 73.1746



69.3251, 79.7764, 92.6335



82.8135, 79.7764, 91.6445

Square

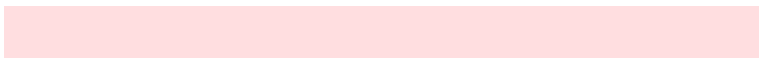
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3251, 79.7764, 92.6335



77.8141, 79.7764, 107.4826



82.7192, 79.7764, 81.3371



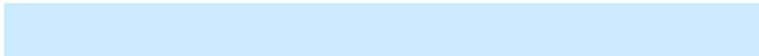
73.8702, 79.7764, 69.0649

Rectangle

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



69.3251, 79.7764, 92.6335



73.0662, 79.7764, 106.4992



82.7192, 79.7764, 81.3371



78.6525, 79.7764, 69.8021

Sweetspot

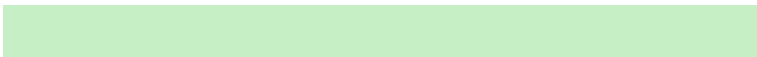
The Sweet Spot groups the original color and five complimentary colors.



69.3274, 79.7797, 92.6353



90.4648, 97.6419, 108.4297



64.3412, 77.8278, 64.4559



19.2305, 20.8312, 23.1945



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.



69.3274, 79.7797, 92.6353



77.8133, 91.1379, 107.0219



64.0443, 68.9769, 91.6036



16.2301, 17.9221, 20.2347



25.2159, 37.3784, 48.6474



2.1029, 3.1116, 4.0741

Inverse Universe

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



65.7588, 62.3627, 62.0009



72.9789, 67.5423, 65.5214



70.3874, 71.8045, 62.9746



15.7881, 15.7650, 16.4404



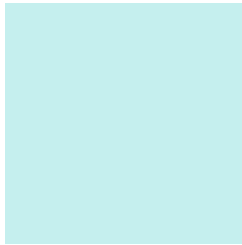
19.6955, 10.1506, 1.0471



1.6438, 0.8466, 0.1152

Previews

White Background



This preview shows how the XYZ color 69.3251, 79.7764, 92.6335 looks on a white background.

Color Contrast Check

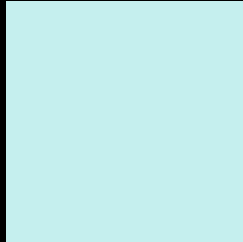
Large Text (above 18pt) WCAG AA × Fail

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 69.3251, 79.7764, 92.6335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

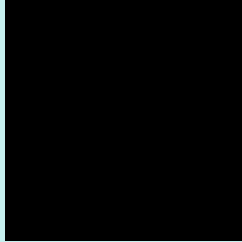
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3251, 79.7764, 92.6335

Background



This preview shows how black text looks on a background with the XYZ color 69.3251, 79.7764, 92.6335.



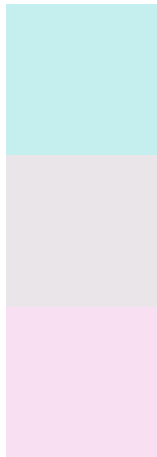
This preview shows how white text looks on a background with the XYZ color 69.3251, 79.7764,

92.6335.

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



Original Color

69.3251, 79.7764, 92.6335

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

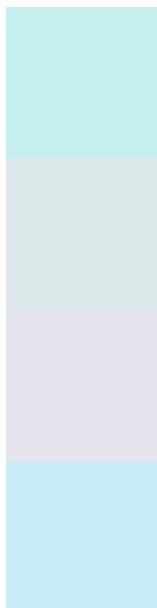
80.9763, 79.0827, 94.2157



Tritanopia

72.1328, 79.6284, 106.1758

Trichromacy



Original Color

69.3251, 79.7764, 92.6335

Protanomaly

73.8090, 79.5905, 89.3143

Deuteranomaly

76.0606, 78.9879, 93.6754

Tritanomaly

71.2025, 79.6873, 101.2509

Monochromacy



Original Color

69.3251, 79.7764, 92.6335

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.8832, 77.3121, 86.0497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3251, 79.7764, 92.6335 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(197, 239, 238)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 238)  
}
```

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(197, 239, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 238) }
```

Border

The CSS property to change the border of an element to XYZ 69.3251, 79.7764, 92.6335 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(197, 239, 238) }
```


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

```
.border{ border-color:rgb(197, 239, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 239, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 239, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 239, 238);  
box-shadow:4px 4px 4px 4px rgb(197, 239,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3251, 79.7764, 92.6335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 238) }
```

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

```
.background{ background-color: rgb(197,  
239, 238) }
```

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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