

Converting Colors

XYZ(56.5255, 64.5411, 91.9165)

Have a look what the booklet for
XYZ(56.5255, 64.5411, 91.9165)
contains.

XYZ(56.5255, 64.5411, 91.9165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5255, 64.5411,
91.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DAF0
RGB	166, 218, 240
RGB Percent	65%, 85%, 94%
CMY	0.3490, 0.1451, 0.0588
CMYK	0.31, 0.09, 0.00, 0.06
HSL	198°, 71%, 80%
HSV	198°, 31%, 94%
XYZ	56.5255, 64.5411, 91.9165
YIQ	204.9600, -38.0540, -4.1820

Conversions

Conversions Part 2

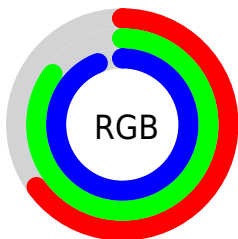
Format	Color
RYB	166, 197, 240
Decimal	10935024
CIELab	84.25, -11.62, -16.18
CIElCh	84, 19.923, 234.307
Yxy	64.5411, 0.2654, 0.3030
Android (android.graphics.Color)	4289125104 (0xFFA6DAF0)
YUV	204.9600, 17.2747, -34.1679
Hunter-Lab	80.3375, -14.9979, -11.5992

Details

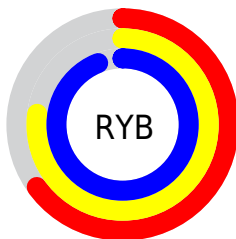
The XYZ color **56.5255, 64.5411, 91.9165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8023, 57.2456, 43.9230**, and the grayscale version is **57.9155, 60.9316, 66.3546**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **28.4310, 33.0998, 50.2378** is the 20% darker color. If you saturate the color by 10%, you get **50.1462, 58.5662, 91.1006**, and if you desaturate by 10%, it is **63.9272, 71.1644, 92.8059**.

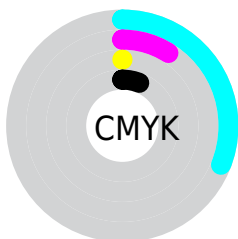
Distribution



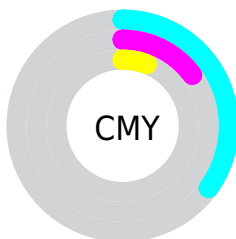
- Red (65%)
- Green (85%)
- Blue (94%)



- Red (65%)
- Yellow (77%)
- Blue (94%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5255, 64.5411, 91.9165 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 56.5255, 64.5411, 91.9165 by changing the saturation by 10% instead.

■ 56.5255, 64.5411,
91.9165

■ 56.5255, 64.5411,
91.9165

401.7119,
441.1410, 554.9758

■ 40.8631, 47.0891,
68.9886

■ 98.9079, 111.3898,
151.9563

■ 28.3993, 33.1061,
50.2308

■ 126.3585,
141.5553, 189.9054

■ 18.7689, 22.2077,
35.2243

158.4692,
176.7275, 233.6986

■ 11.6064, 14.0096,
23.5508

195.6054,
217.2906, 283.7545

■ 6.5465, 8.1273,
14.7916

238.1324,
263.6291, 340.4916

■ 3.2240, 4.1765,
8.5283

286.4156,

■ 1.2733, 1.7728,

316.1274, 404.3285

4.3422

340.8203,
375.1699, 475.6837

■ 0.1631, 0.4701,
1.8149

■ 0.0000, 0.0000,
0.4378

■ 56.5255, 64.5411,
91.9165

■ 56.5255, 64.5411,
91.9165

■ 50.1462, 58.5662,
91.1006

■ 63.9272, 71.1644,
92.8059

■ 44.7300, 53.2031,
90.3508

■ 72.3946, 78.4552,
93.7669

■ 40.2205, 48.4226,
89.6658

■ 81.9756, 86.4411,
94.8034

■ 36.5524, 44.1896,
89.0421

■ 90.0893, 93.7931,
95.7948

■ 33.6512, 40.4642,
88.4759

■ 92.3076, 98.2299,
96.5343

■ 31.4277, 37.1987,
87.9628

■ 92.7284, 99.0714,
96.6745

■ 29.8525, 34.5396,
87.5326

Harmonies

Analogous

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



53.9314, 64.5411, 80.7596



56.5255, 64.5411, 91.9165



60.5064, 64.5411, 97.3362

Triad

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



56.5255, 64.5411, 91.9165



70.1814, 64.5411, 72.7129



57.9174, 64.5411, 50.3718

Complementary

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



56.5255, 64.5411, 91.9165



60.8023, 57.2456, 43.9230

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.



62.1901, 64.5411, 48.7599



56.5255, 64.5411, 91.9165



69.4072, 64.5411, 60.7383

Square

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



56.5255, 64.5411, 91.9165



68.4972, 64.5411, 85.4282



66.4296, 64.5411, 52.3275



54.7077, 64.5411, 57.0276

Rectangle

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



56.5255, 64.5411, 91.9165



63.4652, 64.5411, 96.5508



66.4296, 64.5411, 52.3275



59.2713, 64.5411, 49.2583

Sweetspot

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



56.5275, 64.5437, 91.9180



84.9670, 91.6283, 107.8155



55.8535, 74.0149, 58.3391



17.8588, 19.3358, 23.0409



0.0000, 0.0000, 0.0000



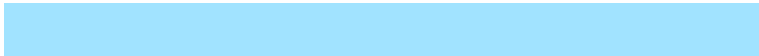
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5275, 64.5437, 91.9180



60.1336, 69.6731, 104.8866



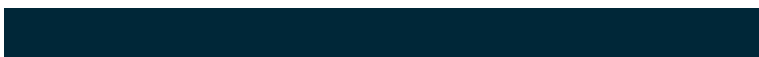
48.1904, 47.8695, 89.1390



15.8276, 17.0892, 20.1860



16.4629, 19.1501, 47.9565



1.4558, 1.7655, 4.0183

Inverse Universe

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



62.2279, 50.8614, 72.8700



67.7824, 52.1710, 79.1363



69.4661, 74.5732, 46.8109



16.2424, 15.9467, 18.8327



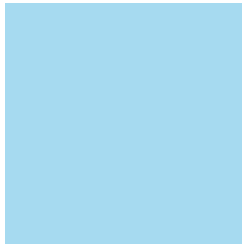
23.6353, 11.7266, 21.7941



2.0097, 0.9929, 2.0422

Previews

White Background



This preview shows how the XYZ color 56.5255, 64.5411, 91.9165 looks on a white background.

Color Contrast Check

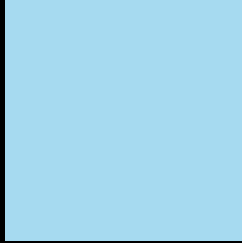
Large Text (above 18pt) WCAG AA × Fail

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 56.5255, 64.5411, 91.9165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

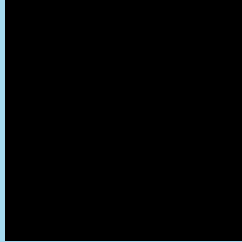
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5255, 64.5411, 91.9165

Background



This preview shows how black text looks on a background with the XYZ color 56.5255, 64.5411, 91.9165.



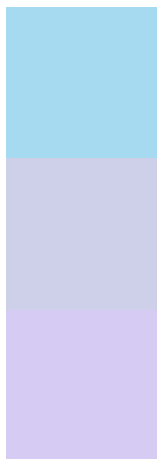
This preview shows how white text looks on a background with the XYZ color 56.5255, 64.5411,

91.9165.

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

56.5255, 64.5411, 91.9165

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.5021, 63.9529, 93.6858



Tritanopia

55.9889, 64.7185, 88.8979

Trichromacy



Original Color

56.5255, 64.5411, 91.9165

Protanomaly

60.1697, 64.2195, 88.5812

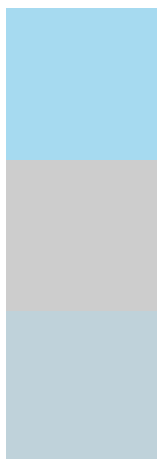
Deuteranomaly

61.8534, 63.8821, 93.0748

Tritanomaly

56.1346, 64.7768, 89.6653

Monochromacy



Original Color

56.5255, 64.5411, 91.9165

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1873, 62.2315, 75.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5255, 64.5411, 91.9165 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(166, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(166, 218, 240)  
}
```

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(166, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 218, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.5255, 64.5411, 91.9165 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(166, 218, 240) }
```


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

```
.border{ border-color:rgb(166, 218, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(166, 218,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5255, 64.5411, 91.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 218, 240) }
```

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

```
.background{ background-color: rgb(166,  
218, 240) }
```

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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