

Converting Colors

XYZ(55.4041, 59.4922, 91.7821)

Have a look what the booklet for
XYZ(55.4041, 59.4922, 91.7821)
contains.

XYZ(55.4040, 59.4922, 91.7821)	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(55.4040, 59.4922,
91.7821)**

Conversions

Conversions Part 1

Format	Color
Hex	AECEF1
RGB	174, 206, 241
RGB Percent	68%, 81%, 95%
CMY	0.3176, 0.1921, 0.0549
CMYK	0.28, 0.15, 0.00, 0.05
HSL	211°, 71%, 81%
HSV	211°, 28%, 95%
XYZ	55.4040, 59.4922, 91.7821
YIQ	200.4220, -30.3070, 4.1010

Conversions

Conversions Part 2

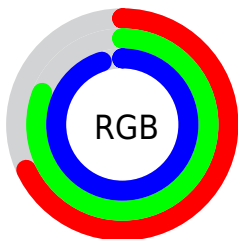
Format	Color
RYB	174, 196, 241
Decimal	11456241
CIELab	81.56, -2.85, -20.72
CIELCh	82, 20.914, 262.170
Yxy	59.4922, 0.2681, 0.2878
Android (android.graphics.Color)	4289646321 (0xFFAECEF1)
YUV	200.4220, 20.0050, -23.1721
Hunter-Lab	77.1312, -6.7615, -16.5602

Details

The XYZ color **55.4040, 59.4922, 91.7821** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7167, 67.3579, 49.5308**, and the grayscale version is **55.0552, 57.9223, 63.0774**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.7309, 29.9523, 50.2187** is the 20% darker color. If you saturate the color by 10%, you get **47.5991, 51.1496, 90.5842**, and if you desaturate by 10%, it is **64.4187, 68.8216, 93.1087**.

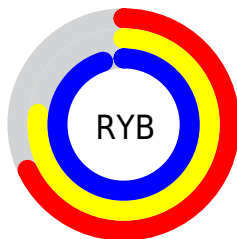
Distribution



Red (68%)

Green (81%)

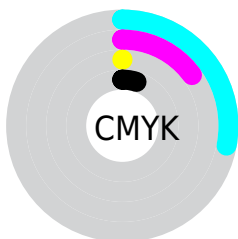
Blue (95%)



Red (68%)

Yellow (77%)

Blue (95%)

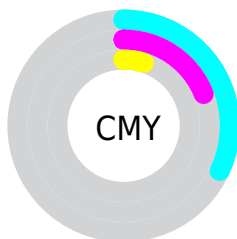


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4040, 59.4922, 91.7821 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 55.4040, 59.4922, 91.7821 by changing the saturation by 10% instead.

■ 55.4040, 59.4922,
91.7821

■ 55.4040, 59.4922,
91.7821

397.5531,
422.7235, 554.5300

■ 39.9604, 43.0095,
68.8776

■ 97.2775, 104.0927,
151.7684

■ 27.6917, 29.8925,
50.1409

124.4381,
132.9792, 189.6874

■ 18.2327, 19.7570,
35.1534

156.2351,
166.7692, 233.4482

■ 11.2179, 12.2186,
23.4966

193.0338,
205.8469, 283.4695

■ 6.2819, 6.8927,
14.7519

235.1996,
250.5968, 340.1698

■ 3.0596, 3.3951,
8.5007

283.0978,

■ 1.1853, 1.3413,

301.4032, 403.9676

4.3247

337.0939,
358.6507, 475.2815

■ 0.0947, 0.1729,
1.8051

■ 0.0000, 0.0000,
0.4313

■ 55.4040, 59.4922,
91.7821

■ 55.4040, 59.4922,
91.7821

■ 47.5991, 51.1496,
90.5842

■ 64.4187, 68.8216,
93.1087

■ 40.9411, 43.7488,
89.5066

■ 74.6906, 79.1663,
94.5641

■ 35.3697, 37.2515,
88.5461

■ 86.2715, 90.5621,
96.1533

■ 30.8164, 31.6132,
87.6978

■ 92.8774, 99.1309,
97.4591

■ 27.2036, 26.7845,
86.9562

■ 24.4410, 22.7090,
86.3152

■ 22.4083, 19.3143,
85.7671

■ 22.0210, 18.6382,
85.6570

Harmonies

Analogous

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



51.5276, 59.4922, 85.7956



55.4040, 59.4922, 91.7821



59.7892, 59.4922, 89.8269

Triad

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



55.4040, 59.4922, 91.7821



64.7236, 59.4922, 56.0806



50.1405, 59.4922, 51.0596

Complementary

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



55.4040, 59.4922, 91.7821



66.7167, 67.3579, 49.5308

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.



53.4214, 59.4922, 44.8793



55.4040, 59.4922, 91.7821



61.8792, 59.4922, 47.5062

Square

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



55.4040, 59.4922, 91.7821



65.3218, 59.4922, 68.1245



57.7027, 59.4922, 43.6681



48.5928, 59.4922, 61.5408

Rectangle

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



55.4040, 59.4922, 91.7821



62.4004, 59.4922, 84.3849



57.7027, 59.4922, 43.6681



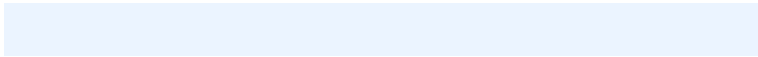
51.0689, 59.4922, 48.4691

Sweetspot

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



55.4059, 59.4946, 91.7835



84.6333, 89.7227, 107.4653



60.3733, 76.4949, 71.6573



17.7188, 18.8092, 22.9466



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.



55.4059, 59.4946, 91.7835



58.1171, 62.4714, 103.6028



48.7199, 45.7519, 89.4832



15.5201, 16.4744, 20.0835



12.0746, 10.3735, 46.4938



1.1035, 1.0610, 3.9009

Inverse Universe

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



62.5537, 53.4306, 65.4114



67.5380, 55.0345, 68.7199



74.9919, 84.4725, 52.3981



16.0872, 15.8846, 18.0155



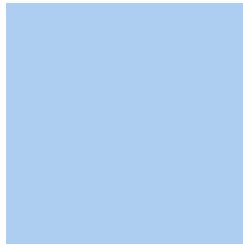
21.4203, 10.8406, 10.1300



1.8320, 0.9218, 1.1059

Previews

White Background



This preview shows how the XYZ color 55.4040, 59.4922, 91.7821 looks on a white background.

Color Contrast Check

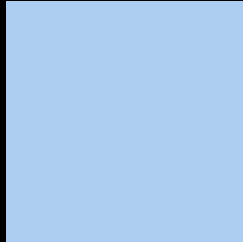
Large Text (above 18pt) WCAG AA × Fail

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 55.4040, 59.4922, 91.7821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

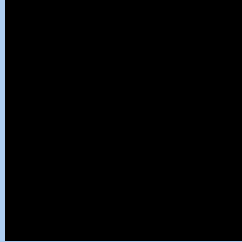
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

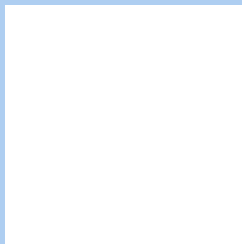
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4040, 59.4922, 91.7821

Background



This preview shows how black text looks on a background with the XYZ color 55.4040, 59.4922, 91.7821.

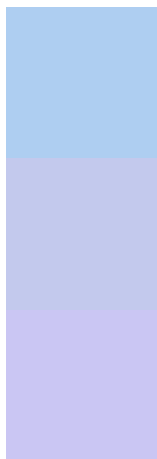


This preview shows how white text looks on a background with the XYZ color 55.4040, 59.4922,

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

55.4040, 59.4922, 91.7821

Protanopia

58.6784, 59.4898, 88.5108

Deuteranopia

60.7289, 59.4158, 93.0617



Tritanopia

53.1857, 59.6951, 79.9533

Trichromacy



Original Color

55.4040, 59.4922, 91.7821

Protanomaly

57.2821, 59.4497, 89.3448

Deuteranomaly

58.6519, 59.3906, 92.3766

Tritanomaly

53.9929, 59.6519, 84.2695

Monochromacy



Original Color

55.4040, 59.4922, 91.7821

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8721, 58.2237, 72.6362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4040, 59.4922, 91.7821 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(174, 206, 241)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 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(174, 206, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.4040, 59.4922, 91.7821 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(174, 206, 241) }
```


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

```
.border{ border-color:rgb(174, 206, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 206, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 206, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 206, 241);  
box-shadow:4px 4px 4px 4px rgb(174, 206,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4040, 59.4922, 91.7821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 241) }
```

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

```
.background{ background-color: rgb(174,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor