

Converting Colors

XYZ(65.2037, 59.1950,
152.9556)

Have a look what the booklet for
XYZ(65.2037, 59.1950, 152.9556)
contains.

XYZ(55.4732, 55.1507, 102.3291)	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(55.4732, 55.1507,
102.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C2FF
RGB	177, 194, 255
RGB Percent	69%, 76%, 100%
CMY	0.3059, 0.2392, 0.0000
CMYK	0.31, 0.24, 0.00, 0.00
HSL	227°, 100%, 85%
HSV	227°, 31%, 100%
XYZ	55.4732, 55.1507, 102.3291
YIQ	195.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

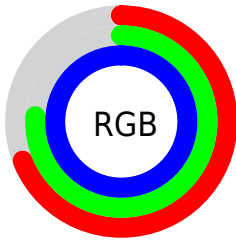
Format	Color
RYB	177, 191, 255
Decimal	11649791
CIELab	79.13, 7.81, -31.89
CIELCh	79, 32.833, 283.767
Yxy	55.1507, 0.2605, 0.2590
Android (android.graphics.Color)	4289839871 (0xFFB1C2FF)
YUV	195.8710, 29.1506, -16.5499
Hunter-Lab	74.2635, 3.3744, -29.7123

Details

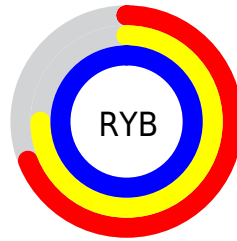
The XYZ color **55.4732, 55.1507, 102.3291** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7505, 85.5832, 53.9126**, and the grayscale version is **52.2371, 54.9575, 59.8487**.

A 20% lighter version of the original color is **86.1673, 93.0836, 108.0332**, and **27.7440, 27.2645, 57.2264** is the 20% darker color. If you saturate the color by 10%, you get **46.0541, 44.1436, 100.7010**, and if you desaturate by 10%, it is **66.5764, 67.9125, 104.2072**.

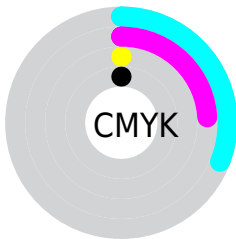
Distribution



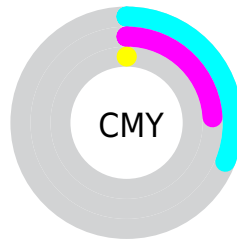
- Red (69%)
- Green (76%)
- Blue (100%)



- Red (69%)
- Yellow (75%)
- Blue (100%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4732, 55.1507, 102.3291 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 55.4732, 55.1507, 102.3291 by changing the saturation by 10% instead.

■ 55.4732, 55.1507,
102.3291

■ 55.4732, 55.1507,
102.3291

397.8105,
406.4829, 588.9448

■ 40.0160, 39.5224,
77.6194

■ 97.3782, 97.7617,
166.4339

■ 27.7353, 27.1664,
57.2468

124.5568,
125.5132, 206.6662

■ 18.2657, 17.6982,
40.7927

156.3732,
158.0746, 252.9097

■ 11.2417, 10.7335,
27.8387

193.1928,
195.8302, 305.5829

■ 6.2982, 5.8879,
17.9661

235.3810,
239.1644, 365.1045

■ 3.0696, 2.7771,
10.7565

283.3031,

■ 1.1907, 1.0165,

288.4617, 431.8930

5.7912

337.3245,
344.1064, 506.3669

■ 0.0990, 0.0000,
2.6518

■ 0.0000, 0.0000,
0.9190

■ 55.4732, 55.1507,
102.3291

■ 55.4732, 55.1507,
102.3291

■ 46.0541, 44.1436,
100.7010

■ 66.5764, 67.9125,
104.2072

■ 38.2301, 34.8067,
99.3112

■ 79.4368, 82.4962,
106.3443

■ 31.9111, 27.0576,
98.1485

■ 94.1292, 98.9727,
108.7502

■ 26.9959, 20.8040,
97.2005

■ 95.0500, 100.0000,
108.9000

■ 23.3700, 15.9434,
96.4534

■ 20.8992, 12.3590,
95.8918

■ 19.4440, 10.0079,
95.5147

Harmonies

Analogous

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



48.9772, 55.1507, 101.7571



55.4732, 55.1507, 102.3291



61.6209, 55.1507, 90.0397

Triad

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



55.4732, 55.1507, 102.3291



62.0487, 55.1507, 38.3986



41.2345, 55.1507, 50.5221

Complementary

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



55.4732, 55.1507, 102.3291



79.7505, 85.5832, 53.9126

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.



44.1822, 55.1507, 37.5898



55.4732, 55.1507, 102.3291



56.0186, 55.1507, 31.6529

Square

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



55.4732, 55.1507, 102.3291



65.6255, 55.1507, 51.8699



49.4792, 55.1507, 31.3915



41.1151, 55.1507, 69.0473

Rectangle

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



55.4732, 55.1507, 102.3291



64.5452, 55.1507, 77.4427



49.4792, 55.1507, 31.3915



41.9156, 55.1507, 45.4778

Sweetspot

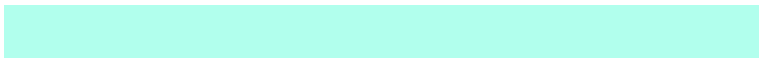
The Sweet Spot groups the original color and five complimentary colors.



55.4748, 55.1528, 102.3295



81.6443, 84.9828, 106.7080



69.1492, 86.9703, 93.1106



17.0417, 17.7015, 22.7685



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.



55.4748, 55.1528, 102.3295



49.2451, 47.8960, 101.2571



57.0094, 50.6445, 101.3784



17.3240, 18.0195, 22.8150



10.2484, 5.4063, 49.9380



1.0739, 0.6786, 4.8877

Inverse Universe

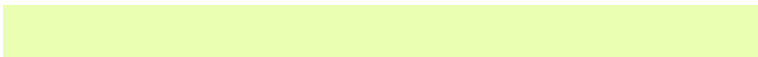
The Inverse Universe completely reimagines the original color for something new.



66.7008, 56.6008, 58.4507



62.2864, 49.9726, 50.1947



77.6938, 92.2209, 55.3022



18.1714, 18.0519, 19.5198



21.9611, 11.2737, 3.1797



2.1767, 1.1130, 0.5119

Previews

White Background



This preview shows how the XYZ color 55.4732, 55.1507, 102.3291 looks on a white background.

Color Contrast Check

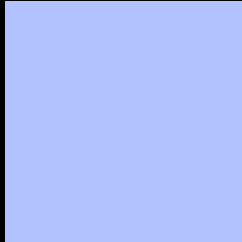
Large Text (above 18pt) WCAG AA × Fail

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 55.4732, 55.1507, 102.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

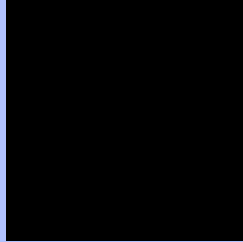
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4732, 55.1507, 102.3291

Background



This preview shows how black text looks on a background with the XYZ color 55.4732, 55.1507, 102.3291.



This preview shows how white text looks on a background with the XYZ color 55.4732, 55.1507,

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

55.4732, 55.1507, 102.3291

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.4281, 54.9866, 102.2471



Tritanopia

49.7732, 55.2181, 73.6805

Trichromacy



Original Color

55.4732, 55.1507, 102.3291

Protanomaly

55.4801, 54.8249, 102.2659

Deuteranomaly

56.1760, 55.1837, 102.2985

Tritanomaly

51.6311, 54.9283, 83.4823

Monochromacy



Original Color

55.4732, 55.1507, 102.3291

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0258, 54.8588, 73.4397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4732, 55.1507, 102.3291 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(177, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 255)  
}
```

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(177, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4732, 55.1507, 102.3291 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(177, 194, 255) }
```


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

```
.border{ border-color:rgb(177, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4732, 55.1507, 102.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 255) }
```

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

```
.background{ background-color: rgb(177,  
194, 255) }
```

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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