

Converting Colors

XYZ(68.3742, 62.0687,
149.5724)

Have a look what the booklet for
XYZ(68.3742, 62.0687, 149.5724)
contains.

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Color

**XYZ(59.4793, 58.5553,
102.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC6FF
RGB	190, 198, 255
RGB Percent	75%, 78%, 100%
CMY	0.2549, 0.2235, 0.0000
CMYK	0.25, 0.22, 0.00, 0.00
HSL	233°, 100%, 87%
HSV	233°, 25%, 100%
XYZ	59.4793, 58.5553, 102.7752
YIQ	202.1060, -23.0650, 16.0310

Conversions

Conversions Part 2

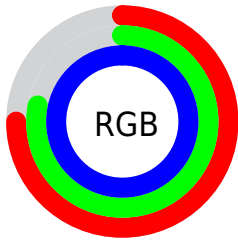
Format	Color
RYB	190, 197, 255
Decimal	12502783
CIELab	81.05, 9.37, -28.87
CIElCh	81, 30.349, 287.983
Yxy	58.5553, 0.2694, 0.2652
Android (android.graphics.Color)	4290692863 (0xFFBEC6FF)
YUV	202.1060, 26.0767, -10.6170
Hunter-Lab	76.5214, 4.8336, -26.0668

Details

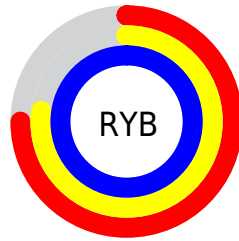
The XYZ color **59.4793, 58.5553, 102.7752** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7951, 91.4989, 61.9616**, and the grayscale version is **56.0593, 58.9788, 64.2279**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.1580, 29.1746, 57.4679** is the 20% darker color. If you saturate the color by 10%, you get **48.9193, 46.0770, 100.9232**, and if you desaturate by 10%, it is **71.9115, 73.1216, 104.9315**.

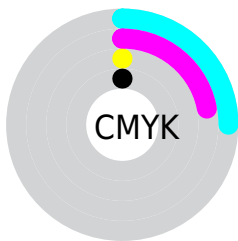
Distribution



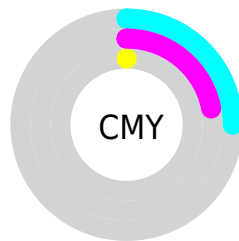
- Red (75%)
- Green (78%)
- Blue (100%)



- Red (75%)
- Yellow (77%)
- Blue (100%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4793, 58.5553, 102.7752 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 59.4793, 58.5553, 102.7752 by changing the saturation by 10% instead.

■ 59.4793, 58.5553,
102.7752

■ 59.4793, 58.5553,
102.7752

412.5414,
419.2519, 590.3765

■ 43.2469, 42.2552,
77.9905

■ 103.1846,
102.7311, 167.0508

■ 30.2743, 29.3012,
57.5498

131.3882,
131.3756, 207.3787

■ 20.1960, 19.3088,
41.0345

164.3130,
164.9036, 253.7248

■ 12.6467, 11.8936,
28.0261

202.3243,
203.6997, 306.5076

■ 7.2610, 6.6713,
18.1061

245.7874,
248.1482, 366.1456

■ 3.6736, 3.2574,
10.8560

295.0677,

■ 1.5192, 1.2675,

298.6335, 433.0574

5.8571

350.5306,
355.5399, 507.6616

■ 0.3388, 0.1159,
2.6910

■ 0.0000, 0.0000,
0.9389

■ 59.4793, 58.5553,
102.7752

■ 59.4793, 58.5553,
102.7752

■ 48.9193, 46.0770,
100.9232

■ 71.9115, 73.1216,
104.9315

■ 40.1354, 35.5841,
99.3608

■ 86.2954, 89.8587,
107.4040

■ 33.0306, 26.9755,
98.0736

95.0500, 100.0000,
108.9000

■ 27.4966, 20.1384,
97.0456

■ 23.4120, 14.9478,
96.2590

■ 20.6373, 11.2619,
95.6938

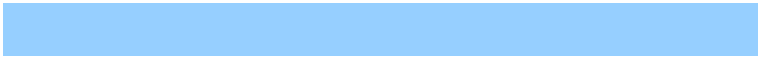
■ 19.0043, 8.9137,
95.3266

■ 18.5502, 8.2204,
95.2167

Harmonies

Analogous

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



53.1708, 58.5553, 104.0652



59.4793, 58.5553, 102.7752



65.1487, 58.5553, 89.9121

Triad

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



59.4793, 58.5553, 102.7752



64.1636, 58.5553, 41.2993



44.6277, 58.5553, 56.8027

Complementary

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



59.4793, 58.5553, 102.7752



83.7951, 91.4989, 61.9616

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.



47.1316, 58.5553, 43.2401



59.4793, 58.5553, 102.7752



58.2155, 58.5553, 35.4881

Square

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



59.4793, 58.5553, 102.7752



67.9905, 58.5553, 53.6347



51.9983, 58.5553, 36.1241



44.9099, 58.5553, 75.0784

Rectangle

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



59.4793, 58.5553, 102.7752



67.6577, 58.5553, 77.6672



51.9983, 58.5553, 36.1241



45.1632, 58.5553, 51.6151

Sweetspot

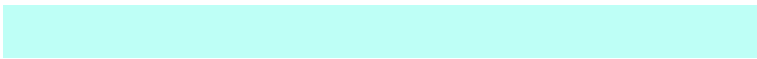
The Sweet Spot groups the original color and five complimentary colors.



59.4810, 58.5576, 102.7755



82.4954, 85.4469, 106.7527



73.6818, 89.1419, 100.7803



17.1831, 17.7379, 22.7680



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.



59.4810, 58.5576, 102.7755



53.4349, 51.4277, 101.7180



64.1477, 58.3197, 102.4836



17.1831, 17.7379, 22.7680



9.7488, 4.4071, 49.7714



1.0035, 0.5377, 4.8642

Inverse Universe

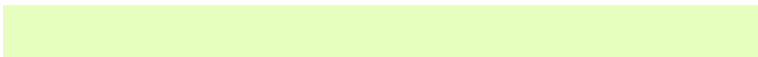
The Inverse Universe completely reimagines the original color for something new.



69.8477, 62.1657, 61.7463



65.5845, 55.8227, 53.5948



78.0638, 92.2547, 62.4096



18.1003, 18.0234, 19.1455



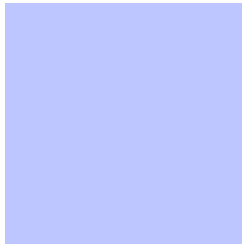
21.7089, 11.1729, 1.8518



2.1411, 1.0988, 0.3246

Previews

White Background



This preview shows how the XYZ color 59.4793, 58.5553, 102.7752 looks on a white background.

Color Contrast Check

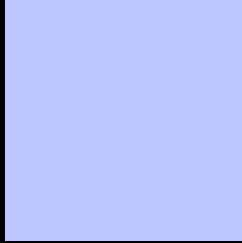
Large Text (above 18pt) WCAG AA × Fail

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 59.4793, 58.5553, 102.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

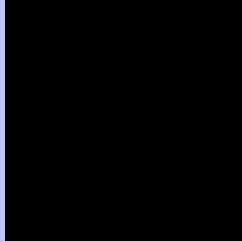
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4793, 58.5553, 102.7752

Background



This preview shows how black text looks on a background with the XYZ color 59.4793, 58.5553, 102.7752.



This preview shows how white text looks on a background with the XYZ color 59.4793, 58.5553,

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

59.4793, 58.5553, 102.7752

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

54.0396, 58.4203, 76.1382

Trichromacy



Original Color

59.4793, 58.5553, 102.7752

Protanomaly

59.2125, 58.7582, 102.8284

Deuteranomaly

59.5021, 58.2289, 102.7109

Tritanomaly

56.0782, 58.5634, 85.4390

Monochromacy



Original Color

59.4793, 58.5553, 102.7752

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2265, 58.9995, 76.7785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4793, 58.5553, 102.7752 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(190, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 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(190, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4793, 58.5553, 102.7752 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(190, 198, 255) }
```


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

```
.border{ border-color:rgb(190, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4793, 58.5553, 102.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 255) }
```

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

```
.background{ background-color: rgb(190,  
198, 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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