

Converting Colors

XYZ(58.4965, 59.1994, 97.9672)

Have a look what the booklet for
XYZ(58.4965, 59.1994, 97.9672)
contains.

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Color

**XYZ(58.4790, 59.1776,
97.9628)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC9F9
RGB	187, 201, 249
RGB Percent	73%, 79%, 98%
CMY	0.2667, 0.2117, 0.0235
CMYK	0.25, 0.19, 0.00, 0.02
HSL	226°, 84%, 85%
HSV	226°, 25%, 98%
XYZ	58.4790, 59.1776, 97.9628
YIQ	202.2860, -23.7520, 11.9600

Conversions

Conversions Part 2

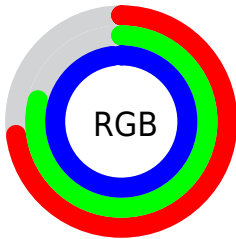
Format	Color
RYB	187, 198, 249
Decimal	12306937
CIELab	81.39, 5.48, -25.16
CIELCh	81, 25.755, 282.289
Yxy	59.1776, 0.2712, 0.2745
Android (android.graphics.Color)	4290497017 (0xFFBBC9F9)
YUV	202.2860, 23.0300, -13.4058
Hunter-Lab	76.9270, 1.0714, -21.6541

Details

The XYZ color **58.4790, 59.1776, 97.9628** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7456, 83.1446, 58.9662**, and the grayscale version is **56.1903, 59.1166, 64.3780**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.6210, 29.6598, 54.0329** is the 20% darker color. If you saturate the color by 10%, you get **48.6924, 47.8760, 96.2982**, and if you desaturate by 10%, it is **69.8895, 72.1563, 99.8675**.

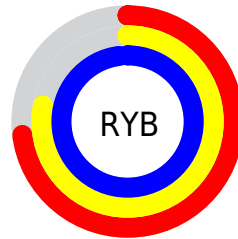
Distribution



Red (73%)

Green (79%)

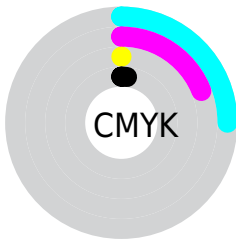
Blue (98%)



Red (73%)

Yellow (78%)

Blue (98%)

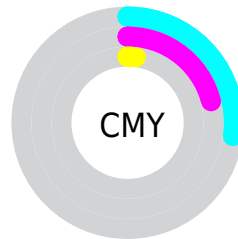


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4790, 59.1776, 97.9628 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 58.4790, 59.1776, 97.9628 by changing the saturation by 10% instead.

■ 58.4790, 59.1776,
97.9628

■ 58.4790, 59.1776,
97.9628

408.8936,
421.5598, 574.8321

■ 42.4386, 42.7561,
73.9929

■ 101.7390,
103.6357, 160.3822

■ 29.6375, 29.6938,
54.2915

129.6894,
132.4412, 199.6687

■ 19.7103, 19.6063,
38.4400

162.3404,
166.1434, 244.8979

■ 12.2917, 12.1092,
26.0199

200.0575,
205.1268, 296.4882

■ 7.0163, 6.8181,
16.6126

243.2060,
249.7757, 354.8582

■ 3.5187, 3.3486,
9.7997

292.1513,

■ 1.4336, 1.3163,

300.4746, 420.4265

5.1625

347.2587,
357.6078, 493.6116

■ 0.2800, 0.1538,
2.2825

■ 0.0000, 0.0000,
0.7214

■ 58.4790, 59.1776,
97.9628

■ 58.4790, 59.1776,
97.9628

■ 48.6924, 47.8760,
96.2982

■ 69.8895, 72.1563,
99.8675

■ 40.4487, 38.1747,
94.8601

■ 82.9885, 86.8704,
102.0173

■ 33.6682, 30.0013,
93.6399

■ 94.0991, 99.6196,
103.8925

■ 28.2619, 23.2747,
92.6264

■ 24.1302, 17.9059,
91.8079

■ 21.1594, 13.7953,
91.1711

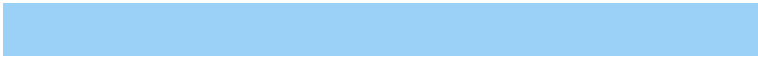
■ 19.2128, 10.8271,
90.7008

■ 18.5245, 9.6906,
90.5177

Harmonies

Analogous

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



53.1556, 59.1776, 97.0063



58.4790, 59.1776, 97.9628



63.5041, 59.1776, 88.9504

Triad

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



58.4790, 59.1776, 97.9628



64.2578, 59.1776, 46.4722



46.9497, 59.1776, 55.8291

Complementary

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



58.4790, 59.1776, 97.9628



77.7456, 83.1446, 58.9662

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.



49.5641, 59.1776, 44.8956



58.4790, 59.1776, 97.9628



59.4551, 59.1776, 40.1161

Square

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



58.4790, 59.1776, 97.9628



66.9805, 59.1776, 58.3273



54.0716, 59.1776, 39.5892



46.7254, 59.1776, 70.9535

Rectangle

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



58.4790, 59.1776, 97.9628



65.9187, 59.1776, 79.2282



54.0716, 59.1776, 39.5892



47.5700, 59.1776, 51.6072

Sweetspot

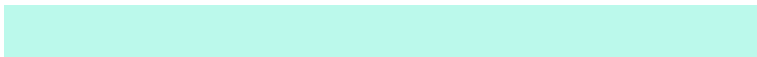
The Sweet Spot groups the original color and five complimentary colors.



58.4809, 59.1800, 97.9642



84.5341, 88.2682, 107.1898



69.2986, 84.2886, 90.8624



17.9088, 18.6859, 22.9128



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.



58.4809, 59.1800, 97.9642



56.2145, 56.1232, 102.4778



59.6448, 55.1533, 97.1256



16.6010, 17.2787, 21.8455



10.0027, 5.3610, 48.4811



1.0023, 0.6484, 4.5155

Inverse Universe

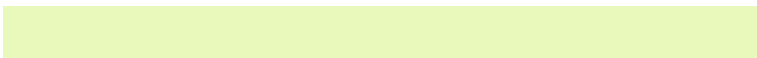
The Inverse Universe completely reimagines the original color for something new.



67.3814, 59.8991, 63.2711



67.1984, 57.2755, 59.6046



76.2770, 88.5744, 60.0917



17.4051, 17.2894, 18.7231



21.3409, 10.9521, 3.2378



2.0149, 1.0297, 0.5017

Previews

White Background



This preview shows how the XYZ color 58.4790, 59.1776, 97.9628 looks on a white background.

Color Contrast Check

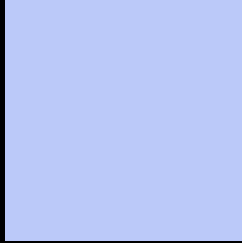
Large Text (above 18pt) WCAG AA × Fail

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 58.4790, 59.1776, 97.9628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

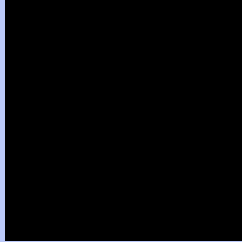
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4790, 59.1776, 97.9628

Background



This preview shows how black text looks on a background with the XYZ color 58.4790, 59.1776, 97.9628.



This preview shows how white text looks on a background with the XYZ color 58.4790, 59.1776,

97.9628.

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

58.4790, 59.1776, 97.9628

Protanopia

59.0834, 59.1622, 97.1124

Deuteranopia

60.4754, 59.1606, 98.6742



Tritanopia

54.5475, 59.3616, 77.6902

Trichromacy



Original Color

58.4790, 59.1776, 97.9628

Protanomaly

58.8328, 59.0330, 97.1006

Deuteranomaly

59.6711, 59.0864, 98.7023

Tritanomaly

55.9255, 59.2023, 84.8235

Monochromacy



Original Color

58.4790, 59.1776, 97.9628

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9327, 59.2258, 75.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4790, 59.1776, 97.9628 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(187, 201, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 249)  
}
```

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(187, 201, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 249) }
```

Border

The CSS property to change the border of an element to XYZ 58.4790, 59.1776, 97.9628 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(187, 201, 249) }
```


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

```
.border{ border-color:rgb(187, 201, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 201, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 201, 249); box-shadow:4px 4px 4px 4px rgb(187, 201, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4790, 59.1776, 97.9628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 249) }
```

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

```
.background{ background-color: rgb(187,  
201, 249) }
```

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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