

Converting Colors

XYZ(58.3488, 54.8794, 73.1192)

Have a look what the booklet for
XYZ(58.3488, 54.8794, 73.1192)
contains.

XYZ(58.3190, 54.9975, 73.1875)	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(58.3190, 54.9975,
73.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BBD9
RGB	215, 187, 217
RGB Percent	84%, 73%, 85%
CMY	0.1569, 0.2666, 0.1490
CMYK	0.01, 0.14, 0.00, 0.15
HSL	296°, 28%, 79%
HSV	296°, 14%, 85%
XYZ	58.3190, 54.9975, 73.1875
YIQ	198.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

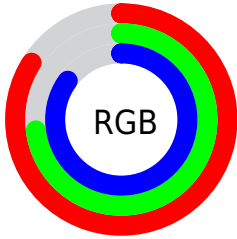
Format	Color
R_{YB}	215, 187, 217
Decimal	14138329
CIE _{Lab}	79.04, 15.22, -11.33
CIE _{LCh}	79, 18.976, 323.327
Yxy	54.9975, 0.3127, 0.2949
Android (android.graphics.Color)	4292328409 (0xFFD7BBD9)
YUV	198.7920, 8.9765, 14.2144
Hunter-Lab	74.1603, 10.5903, -6.6001

Details

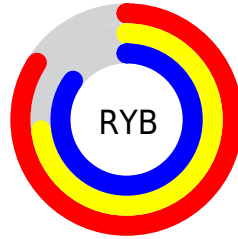
The XYZ color **58.3190, 54.9975, 73.1875** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **54.7709, 64.0339, 56.4896**, and the grayscale version is **54.1043, 56.9219, 61.9879**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.5439, 27.1324, 37.8624** is the 20% darker color. If you saturate the color by 10%, you get **53.6364, 46.2594, 71.7485**, and if you desaturate by 10%, it is **63.7042, 65.1335, 74.8609**.

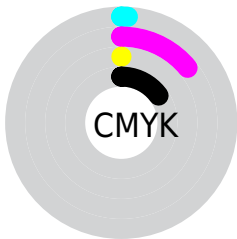
Distribution



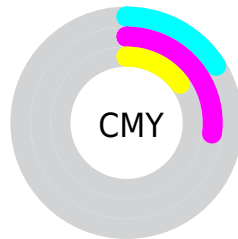
- Red (84%)
- Green (73%)
- Blue (85%)



- Red (84%)
- Yellow (73%)
- Blue (85%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3190, 54.9975, 73.1875 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 58.3190, 54.9975, 73.1875 by changing the saturation by 10% instead.

■ 58.3190, 54.9975,
73.1875

■ 58.3190, 54.9975,
73.1875

408.3083,
405.9025, 490.7526

■ 42.3094, 39.3997,
53.6365

■ 101.5075, 97.5373,
125.4667

■ 29.5358, 27.0708,
37.9200

129.4172,
125.2481, 159.0321

■ 19.6328, 17.6264,
25.6192

162.0243,
157.7654, 198.1060

■ 12.2351, 10.6821,
16.3158

199.6942,
195.4735, 243.1070

■ 6.9774, 5.8535,
9.5911

242.7921,
238.7569, 294.4536

■ 3.4942, 2.7562,
5.0267

291.6836,

■ 1.4202, 1.0058,

287.9999, 352.5644

2.2039

346.7338,
343.5870, 417.8579

■ 0.2705, 0.0000,
0.6766

■ 0.0000, 0.0000,
0.0000

■ 58.3190, 54.9975,
73.1875

■ 58.3190, 54.9975,
73.1875

■ 53.6364, 46.2594,
71.7485

■ 63.7042, 65.1335,
74.8609

■ 49.6204, 38.8499,
70.5300

■ 69.8163, 76.7186,
76.7749

■ 46.2392, 32.7043,
69.5220

■ 76.6845, 89.8100,
78.9398

■ 43.4564, 27.7500,
68.7124

■ 78.0390, 91.8688,
79.2658

41.2318, 23.9067,
68.0878

78.4810, 92.0966,
79.2865

39.5205, 21.0844,
67.6332

78.9267, 92.3264,
79.3074

38.2705, 19.1791,
67.3313

79.3762, 92.5582,
79.3284

37.4185, 18.0645,
67.1611

79.8296, 92.7919,
79.3496

37.0260, 17.6408,
67.1000

80.2868, 93.0276,
79.3710

Harmonies

Analogous

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



55.2031, 54.9975, 81.0903



58.3190, 54.9975, 73.1875



59.8256, 54.9975, 62.3331

Triad

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



58.3190, 54.9975, 73.1875



53.1222, 54.9975, 41.5051



45.8827, 54.9975, 68.5046

Complementary

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



58.3190, 54.9975, 73.1875



54.7709, 64.0339, 56.4896

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.



45.3853, 54.9975, 57.4978



58.3190, 54.9975, 73.1875



49.4494, 54.9975, 42.7386

Square

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



58.3190, 54.9975, 73.1875



56.7332, 54.9975, 44.6985



46.6609, 54.9975, 48.2971



48.0538, 54.9975, 78.1671

Rectangle

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



58.3190, 54.9975, 73.1875



59.6655, 54.9975, 55.2142



46.6609, 54.9975, 48.2971



45.5186, 54.9975, 64.8077

Sweetspot

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



58.3206, 54.9999, 73.1887



91.6322, 93.5351, 107.8323



51.3257, 52.1880, 73.0146



19.4796, 19.7683, 23.0389



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.



58.3206, 54.9999, 73.1887



81.6907, 74.8481, 104.7493



57.3465, 54.6785, 64.9750



13.5242, 13.2284, 16.4927



22.4491, 10.6971, 40.6200



1.4807, 0.7066, 2.6328

Inverse Universe

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



55.5729, 53.9691, 55.6351



76.9028, 73.0549, 74.0286



55.6753, 64.3387, 63.8240



13.0911, 13.0655, 13.7409



17.3859, 8.9554, 1.1462



1.1390, 0.5852, 0.1408

Previews

White Background



This preview shows how the XYZ color 58.3190, 54.9975, 73.1875 looks on a white background.

Color Contrast Check

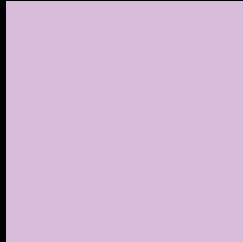
Large Text (above 18pt) WCAG AA × Fail

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 58.3190, 54.9975, 73.1875 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 58.3190, 54.9975, 73.1875

Background



This preview shows how black text looks on a background with the XYZ color 58.3190, 54.9975, 73.1875.



This preview shows how white text looks on a background with the XYZ color 58.3190, 54.9975,

73.1875.

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

58.3190, 54.9975, 73.1875

Protanopia

54.2148, 55.0640, 76.8782

Deuteranopia

56.2023, 55.1986, 72.6580



Tritanopia

56.5373, 54.9010, 64.7439

Trichromacy



Original Color

58.3190, 54.9975, 73.1875

Protanomaly

55.3685, 54.7083, 75.3517

Deuteranomaly

57.1026, 55.3401, 72.6378

Tritanomaly

57.2234, 54.8660, 67.8958

Monochromacy



Original Color

58.3190, 54.9975, 73.1875

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8325, 56.4656, 66.3488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3190, 54.9975, 73.1875 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(215, 187, 217)` looks like.

```
.text, #text, p{  
    color:rgb(215, 187, 217)  
}
```

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(215, 187, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 187, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.3190, 54.9975, 73.1875 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(215, 187, 217) }
```


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

```
.border{ border-color:rgb(215, 187, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 187, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 187, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 187, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 187,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3190, 54.9975, 73.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 187, 217) }
```

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

```
.background{ background-color: rgb(215,  
187, 217) }
```

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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