

Converting Colors

XYZ(50.5317, 49.6175, 78.1480)

Have a look what the booklet for
XYZ(50.5317, 49.6175, 78.1480)
contains.

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Color

**XYZ(50.5317, 49.6175,
78.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B7E1
RGB	185, 183, 225
RGB Percent	73%, 72%, 88%
CMY	0.2745, 0.2823, 0.1176
CMYK	0.18, 0.19, 0.00, 0.12
HSL	243°, 41%, 80%
HSV	243°, 19%, 88%
XYZ	50.5317, 49.6175, 78.1480
YIQ	188.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

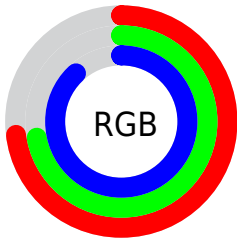
Format	Color
R_{YB}	185, 183, 225
Decimal	12171233
CIE _{Lab}	75.83, 9.22, -20.73
CIE _{LCh}	76, 22.689, 293.969
Yxy	49.6175, 0.2834, 0.2783
Android (android.graphics.Color)	4290361313 (0xFFB9B7E1)
YUV	188.3860, 18.0507, -2.9695
Hunter-Lab	70.4397, 4.7820, -16.4704

Details

The XYZ color **50.5317, 49.6175, 78.1480** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9055, 72.9585, 55.4108**, and the grayscale version is **47.9262, 50.4221, 54.9097**.

A 20% lighter version of the original color is **85.1921, 87.6538, 107.0365**, and **24.5984, 23.6928, 41.3069** is the 20% darker color. If you saturate the color by 10%, you get **41.4710, 38.6002, 76.4998**, and if you desaturate by 10%, it is **61.1166, 62.5243, 80.0822**.

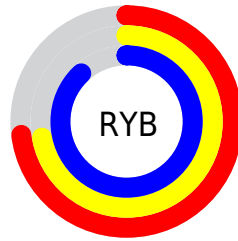
Distribution



Red (73%)

Green (72%)

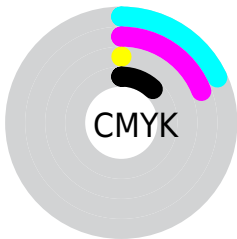
Blue (88%)



Red (73%)

Yellow (72%)

Blue (88%)

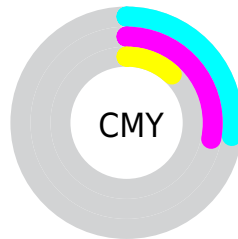


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (28%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5317, 49.6175, 78.1480 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 50.5317, 49.6175, 78.1480 by changing the saturation by 10% instead.

■ 50.5317, 49.6175,
78.1480

■ 50.5317, 49.6175,
78.1480

379.1593,
385.1682, 508.2105

■ 36.0556, 35.1096,
57.6784

■ 90.1493, 89.6079,
132.5465

■ 24.6474, 23.7473,
41.1372

116.0215,
115.8591, 167.3125

■ 15.9419, 15.1463,
28.1058

146.4230,
146.7936, 207.6810

■ 9.5736, 8.9221,
18.1657

181.7194,
182.7957, 254.0706

■ 5.1773, 4.6904,
10.8983

222.2758,
224.2498, 306.8998

■ 2.3875, 2.0668,
5.8852

268.4577,

■ 0.8389, 0.6458,

271.5404, 366.5872

2.7077

320.6304,
325.0517, 433.5512

■ 0.0000, 0.0000,
0.9473

■ 0.0000, 0.0000,
0.0000

■ 50.5317, 49.6175,
78.1480

■ 50.5317, 49.6175,
78.1480

■ 41.4710, 38.6002,
76.4998

■ 61.1166, 62.5243,
80.0822

■ 33.8598, 29.3778,
75.1209

■ 73.2863, 77.3968,
82.3114

■ 27.6242, 21.8573,
73.9979

■ 87.1040, 94.3146,
84.8487

■ 22.6822, 15.9343,
73.1151

■ 90.5908, 98.2163,
85.4180

■ 18.9426, 11.4935,
72.4551

■ 16.3026, 8.4036,
71.9978

■ 14.6423, 6.5105,
71.7199

■ 13.7978, 5.5914,
71.5870

■ 13.7249, 5.5055,
71.5743

Harmonies

Analogous

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



46.3130, 49.6175, 80.5698



50.5317, 49.6175, 78.1480



54.0269, 49.6175, 68.8709

Triad

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



50.5317, 49.6175, 78.1480



52.0929, 49.6175, 37.3352



39.5461, 49.6175, 51.6212

Complementary

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



50.5317, 49.6175, 78.1480



65.9055, 72.9585, 55.4108

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.



40.9010, 49.6175, 41.4824



50.5317, 49.6175, 78.1480



48.0172, 49.6175, 34.0632

Square

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



50.5317, 49.6175, 78.1480



54.9652, 49.6175, 45.1286



43.9416, 49.6175, 35.4600



40.1309, 49.6175, 64.0200

Rectangle

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



50.5317, 49.6175, 78.1480



55.3915, 49.6175, 60.6962



43.9416, 49.6175, 35.4600



39.7872, 49.6175, 47.8615

Sweetspot

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



50.5333, 49.6195, 78.1491



85.2025, 87.9640, 107.0958



59.6688, 68.6013, 81.3315



18.0175, 18.5600, 22.8828



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.



50.5333, 49.6195, 78.1491



62.6912, 60.5174, 102.9846



55.8131, 52.3414, 78.3962



13.0121, 13.2742, 17.2641



7.9363, 3.1866, 41.2452



0.5717, 0.2320, 2.8599

Inverse Universe

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



61.3057, 55.2042, 77.2383



79.2636, 69.1101, 101.5323



59.9937, 69.9109, 55.1341



14.2654, 13.9238, 17.1676



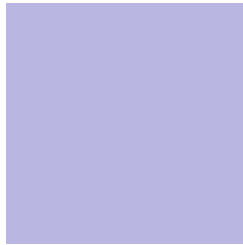
24.9218, 12.0357, 37.8494



1.7363, 0.8378, 2.6699

Previews

White Background



This preview shows how the XYZ color 50.5317, 49.6175, 78.1480 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 50.5317, 49.6175, 78.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

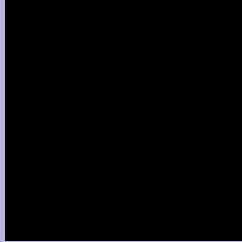
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5317, 49.6175, 78.1480

Background



This preview shows how black text looks on a background with the XYZ color 50.5317, 49.6175, 78.1480.



This preview shows how white text looks on a background with the XYZ color 50.5317, 49.6175,

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

50.5317, 49.6175, 78.1480

Protanopia

49.4365, 49.6539, 78.9301

Deuteranopia

50.7738, 49.7423, 78.1593



Tritanopia

47.4870, 49.6287, 62.9536

Trichromacy



Original Color

50.5317, 49.6175, 78.1480

Protanomaly

49.9240, 49.5957, 78.8932

Deuteranomaly

50.7738, 49.7423, 78.1593

Tritanomaly

48.4832, 49.7160, 68.0136

Monochromacy



Original Color

50.5317, 49.6175, 78.1480

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5950, 49.8997, 62.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5317, 49.6175, 78.1480 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(185, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 225)  
}
```

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(185, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 225) }
```

Border

The CSS property to change the border of an element to XYZ 50.5317, 49.6175, 78.1480 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(185, 183, 225) }
```


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

```
.border{ border-color:rgb(185, 183, 225) }
```

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

Here you see how a box with a 4 pixel rgb(185, 183, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5317, 49.6175, 78.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 225) }
```

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

```
.background{ background-color: rgb(185,  
183, 225) }
```

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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