

Converting Colors

XYZ(47.3880, 50.3108, 62.4717)

Have a look what the booklet for
XYZ(47.3880, 50.3108, 62.4717)
contains.

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Color

**XYZ(47.3306, 50.1959,
62.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BDC9
RGB	179, 189, 201
RGB Percent	70%, 74%, 79%
CMY	0.2980, 0.2588, 0.2118
CMYK	0.11, 0.06, 0.00, 0.21
HSL	213°, 17%, 75%
HSV	213°, 11%, 79%
XYZ	47.3306, 50.1959, 62.4525
YIQ	187.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

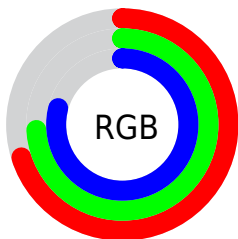
Format	Color
R_YB	179, 186, 201
Decimal	11779529
CIE _{Lab}	76.19, -1.06, -7.23
CIE _{LCh}	76, 7.302, 261.691
Yxy	50.1959, 0.2959, 0.3138
Android (android.graphics.Color)	4289969609 (0xFFB3BDC9)
YUV	187.3780, 6.7156, -7.3475
Hunter-Lab	70.8491, -4.7392, -2.6690

Details

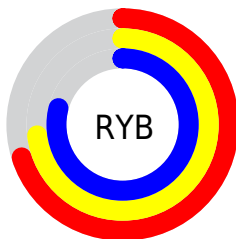
The XYZ color **47.3306, 50.1959, 62.4525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8551, 52.9335, 50.1856**, and the grayscale version is **47.4159, 49.8852, 54.3250**.

A 20% lighter version of the original color is **84.9634, 90.1870, 107.5375**, and **22.6748, 24.1505, 31.0702** is the 20% darker color. If you saturate the color by 10%, you get **40.7503, 43.4358, 61.4953**, and if you desaturate by 10%, it is **54.7693, 57.6657, 63.5030**.

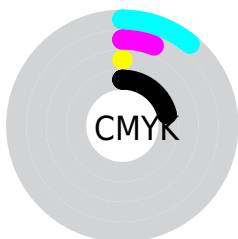
Distribution



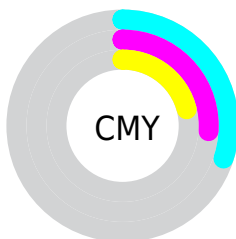
- Red (70%)
- Green (74%)
- Blue (79%)



- Red (70%)
- Yellow (73%)
- Blue (79%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3306, 50.1959, 62.4525 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 47.3306, 50.1959, 62.4525 by changing the saturation by 10% instead.

■ 47.3306, 50.1959,
62.4525

■ 47.3306, 50.1959,
62.4525

366.7595,
387.4315, 451.6329

■ 33.5061, 35.5691,
44.9603

■ 85.4226, 90.4651,
109.9572

■ 22.6755, 24.1016,
31.0834

110.4209,
116.8762, 140.8067

■ 14.4735, 15.4090,
20.4034

139.8745,
147.9842, 176.9458

■ 8.5346, 9.1069,
12.5016

174.1487,
184.1735, 218.7929

■ 4.4936, 4.8110,
6.9596

213.6090,
225.8285, 266.7667

■ 1.9850, 2.1368,
3.3588

258.6207,

■ 0.6255, 0.6852,

273.3336, 321.2855

1.2806

309.5490,
327.0731, 382.7681

■ 0.0000, 0.0000,
0.0458

■ 0.0000, 0.0000,
0.0000

■ 47.3306, 50.1959,
62.4525

■ 47.3306, 50.1959,
62.4525

■ 40.7503, 43.4358,
61.4953

■ 54.7693, 57.6657,
63.5030

■ 34.9908, 37.3563,
60.6254

■ 63.0931, 65.8607,
64.6461

■ 30.0182, 31.9352,
59.8411

■ 72.3330, 74.8036,
65.8853

■ 25.7946, 27.1467,
59.1394

■ 80.8791, 83.6697,
67.1462

■ 22.2783, 22.9629,
58.5172

■ 84.0765, 90.0646,
68.2120

■ 19.4234, 19.3533,
57.9709

■ 87.4701, 96.8518,
69.3432

■ 17.1778, 16.2840,
57.4969

■ 87.5428, 96.9971,
69.3674

■ 15.4802, 13.7160,
57.0907

■ 14.3171, 11.7658,
56.7755

Harmonies

Analogous

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



46.0977, 50.1959, 60.7813



47.3306, 50.1959, 62.4525



48.6884, 50.1959, 61.9573

Triad

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



47.3306, 50.1959, 62.4525



50.1957, 50.1959, 51.9177



45.6754, 50.1959, 50.1169

Complementary

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



47.3306, 50.1959, 62.4525



50.8551, 52.9335, 50.1856

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.



46.7442, 50.1959, 47.9499



47.3306, 50.1959, 62.4525



49.3588, 50.1959, 48.9545

Square

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



47.3306, 50.1959, 62.4525



50.3599, 50.1959, 55.7506



48.0908, 50.1959, 47.5348



45.1541, 50.1959, 53.5734

Rectangle

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



47.3306, 50.1959, 62.4525



49.4806, 50.1959, 60.4751



48.0908, 50.1959, 47.5348



45.9816, 50.1959, 49.2205

Sweetspot

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



47.3321, 50.1980, 62.4536



90.9749, 95.9449, 108.3321



48.8526, 55.1077, 57.1994



19.2443, 20.3083, 23.1556



0.0000, 0.0000, 0.0000



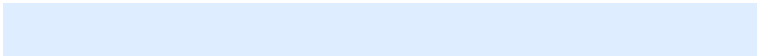
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3321, 50.1980, 62.4536



78.3899, 83.2492, 106.5449



45.4240, 46.1296, 61.7689



10.4472, 11.0685, 13.5033



9.0910, 7.5760, 35.7275



0.5026, 0.5030, 1.7157

Inverse Universe

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



49.3939, 48.3329, 54.8723



82.5961, 79.5328, 91.0592



52.9148, 57.3449, 50.9285



10.8310, 10.7158, 12.0934



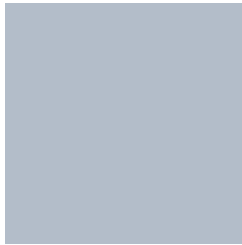
16.3881, 8.3048, 7.2534



0.8124, 0.4078, 0.5352

Previews

White Background



This preview shows how the XYZ color 47.3306, 50.1959, 62.4525 looks on a white background.

Color Contrast Check

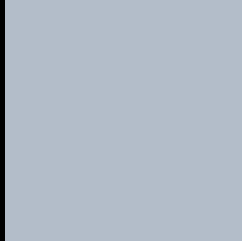
Large Text (above 18pt) WCAG AA × Fail

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 47.3306, 50.1959, 62.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

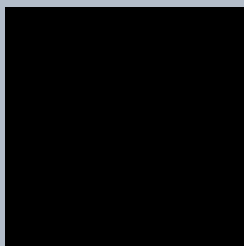
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

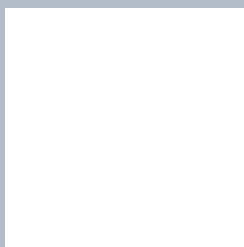
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3306, 50.1959, 62.4525

Background



This preview shows how black text looks on a background with the XYZ color 47.3306, 50.1959, 62.4525.

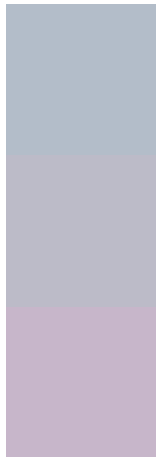


This preview shows how white text looks on a background with the XYZ color 47.3306, 50.1959,

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

47.3306, 50.1959, 62.4525

Protanopia

48.9347, 50.4021, 61.7930

Deuteranopia

50.9418, 49.8623, 62.8166



Tritanopia

47.6871, 50.3385, 64.3297

Trichromacy



Original Color

47.3306, 50.1959, 62.4525

Protanomaly

48.4161, 50.4509, 61.8298

Deuteranomaly

49.7479, 50.1687, 62.9386

Tritanomaly

47.5675, 50.2907, 63.6999

Monochromacy



Original Color

47.3306, 50.1959, 62.4525

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2648, 49.9626, 57.0218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3306, 50.1959, 62.4525 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(179, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 201)  
}
```

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(179, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.3306, 50.1959, 62.4525 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(179, 189, 201) }
```


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

```
.border{ border-color:rgb(179, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3306, 50.1959, 62.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 201) }
```

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

```
.background{ background-color: rgb(179,  
189, 201) }
```

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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