

Converting Colors

XYZ(30.5638, 30.7266, 47.3166)

Have a look what the booklet for
XYZ(30.5638, 30.7266, 47.3166)
contains.

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Color

**XYZ(30.6627, 30.8099,
47.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	9195B4
RGB	145, 149, 180
RGB Percent	57%, 58%, 71%
CMY	0.4314, 0.4157, 0.2941
CMYK	0.19, 0.17, 0.00, 0.29
HSL	233°, 19%, 64%
HSV	233°, 19%, 71%
XYZ	30.6627, 30.8099, 47.5108
YIQ	151.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

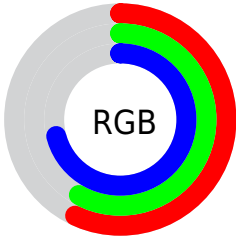
Format	Color
RYB	145, 149, 180
Decimal	9541044
CIELab	62.35, 5.22, -16.62
CIElCh	62, 17.416, 287.438
Yxy	30.8099, 0.2814, 0.2827
Android (android.graphics.Color)	4287731124 (0xFF9195B4)
YUV	151.3380, 14.1304, -5.5584
Hunter-Lab	55.5067, 1.4694, -11.8945

Details

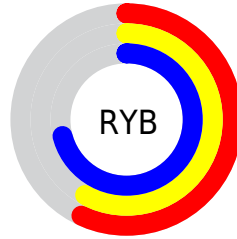
The XYZ color **30.6627, 30.8099, 47.5108** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.4588, 42.7983, 32.9700**, and the grayscale version is **29.5060, 31.0427, 33.8055**.

A 20% lighter version of the original color is **60.0494, 60.9101, 87.9488**, and **12.8145, 12.6474, 21.8445** is the 20% darker color. If you saturate the color by 10%, you get **25.3869, 24.5993, 46.5906**, and if you desaturate by 10%, it is **36.7883, 37.9726, 48.5710**.

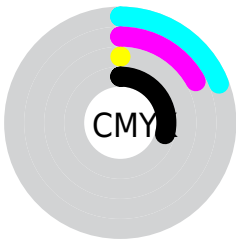
Distribution



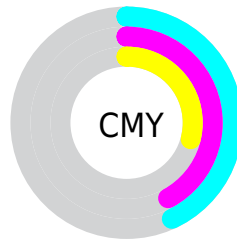
- Red (57%)
- Green (58%)
- Blue (71%)



- Red (57%)
- Yellow (58%)
- Blue (71%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (43%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6627, 30.8099, 47.5108 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 30.6627, 30.8099, 47.5108 by changing the saturation by 10% instead.

■ 30.6627, 30.8099,
47.5108

■ 30.6627, 30.8099,
47.5108

296.8361,
305.6616, 393.3024

■ 20.4927, 20.4541,
33.0824

■ 60.0881, 60.9407,
87.8335

■ 12.8640, 12.7256,
21.9180

■ 80.0742, 81.4844,
114.5650

■ 7.4113, 7.2399,
13.5989

104.0631,
106.1930, 146.2345

■ 3.7693, 3.6126,
7.7067

132.4200,
135.4508, 183.2606

■ 1.5724, 1.4593,
3.8228

165.5105,
169.6421, 226.0620

■ 0.3743, 0.2598,
1.5286

203.6997,

■ 0.0000, 0.0000,

209.1514, 275.0570

0.2391

247.3531,
254.3631, 330.6643

■ 0.0000, 0.0000,
0.0000

■ 30.6627, 30.8099,
47.5108

■ 30.6627, 30.8099,
47.5108

■ 25.3869, 24.5993,
46.5906

■ 36.7883, 37.9726,
48.5710

■ 20.9203, 19.2969,
45.8026

■ 43.7959, 46.1214,
49.7745

■ 17.2237, 14.8613,
45.1412

■ 51.7197, 55.2930,
51.1272

■ 14.2531, 11.2458,
44.5999

■ 60.5912, 65.5212,
52.6339

■ 11.9601, 8.3999,
44.1715

■ 70.4403, 76.8384,
54.2992

■ 10.2904, 6.2669,
43.8478

■ 81.2957, 89.2755,
56.1276

■ 9.1812, 4.7825,
43.6197

■ 85.2383, 96.0753,
57.2323

■ 8.5276, 3.8554,
43.4752

■ 8.4988, 3.8163,
43.4692

Harmonies

Analogous

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



28.3095, 30.8099, 47.8721



30.6627, 30.8099, 47.5108



32.7493, 30.8099, 43.1106

Triad

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



30.6627, 30.8099, 47.5108



32.4565, 30.8099, 24.8686



25.0806, 30.8099, 30.8031

Complementary

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



30.6627, 30.8099, 47.5108



39.4588, 42.7983, 32.9700

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.



26.0720, 30.8099, 25.5135



30.6627, 30.8099, 47.5108



30.2803, 30.8099, 22.4089

Square

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



30.6627, 30.8099, 47.5108



33.8224, 30.8099, 29.8066



27.9470, 30.8099, 22.6280



25.1707, 30.8099, 37.5873

Rectangle

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



30.6627, 30.8099, 47.5108



33.6702, 30.8099, 38.7754



27.9470, 30.8099, 22.6280



25.2961, 30.8099, 28.8106

Sweetspot

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



30.6637, 30.8112, 47.5115



70.7684, 73.5860, 88.7682



35.8272, 41.7941, 47.2104



15.1251, 15.7061, 19.1567



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6637, 30.8112, 47.5115



51.6401, 51.2161, 85.4586



32.5470, 30.8583, 47.4213



8.1176, 8.3815, 10.6963



5.9579, 2.7162, 30.3473



0.2126, 0.1357, 0.9632

Inverse Universe

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



34.3734, 32.1248, 32.8242



59.5296, 54.0763, 54.2079



37.2811, 42.8576, 33.0962



8.5346, 8.5205, 9.0475



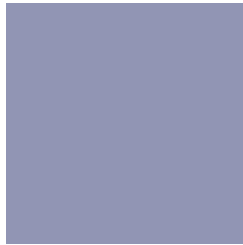
13.2419, 6.8143, 1.1681



0.4293, 0.2195, 0.1035

Previews

White Background



This preview shows how the XYZ color 30.6627, 30.8099, 47.5108 looks on a white background.

Color Contrast Check

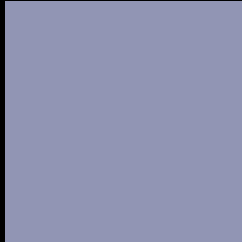
Large Text (above 18pt) WCAG AA × Fail

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 30.6627, 30.8099, 47.5108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

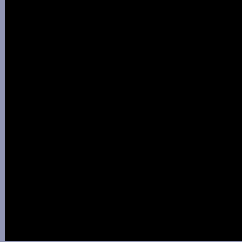
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

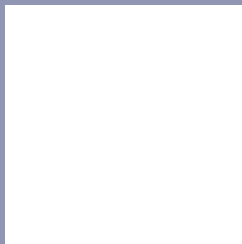
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6627, 30.8099, 47.5108

Background



This preview shows how black text looks on a background with the XYZ color 30.6627, 30.8099, 47.5108.



This preview shows how white text looks on a background with the XYZ color 30.6627, 30.8099,

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

30.6627, 30.8099, 47.5108

Protanopia

30.4873, 30.7195, 47.5026

Deuteranopia

31.4344, 30.7420, 47.4570



Tritanopia

29.0844, 30.8876, 39.5509

Trichromacy



Original Color

30.6627, 30.8099, 47.5108

Protanomaly

30.4873, 30.7195, 47.5026

Deuteranomaly

31.2225, 30.8647, 47.4919

Tritanomaly

29.6500, 30.8751, 42.4270

Monochromacy



Original Color

30.6627, 30.8099, 47.5108

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8224, 30.8109, 38.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6627, 30.8099, 47.5108 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(145, 149, 180)` looks like.

```
.text, #text, p{  
    color:rgb(145, 149, 180)  
}
```

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(145, 149, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 149, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.6627, 30.8099, 47.5108 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(145, 149, 180) }
```


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

```
.border{ border-color:rgb(145, 149, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 149, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 149, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 149, 180);  
box-shadow:4px 4px 4px 4px rgb(145, 149,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6627, 30.8099, 47.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 149, 180) }
```

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

```
.background{ background-color: rgb(145,  
149, 180) }
```

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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