

Converting Colors

XYZ(18.8946, 22.4984, 26.9913)

Have a look what the booklet for
XYZ(18.8946, 22.4984, 26.9913)
contains.

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Color

**XYZ(18.9405, 22.5222,
27.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	668989
RGB	102, 137, 137
RGB Percent	40%, 54%, 54%
CMY	0.6000, 0.4627, 0.4627
CMYK	0.26, 0.00, 0.00, 0.46
HSL	180°, 15%, 47%
HSV	180°, 26%, 54%
XYZ	18.9405, 22.5222, 27.0159
YIQ	126.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

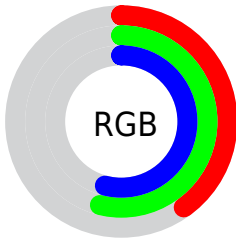
Format	Color
RYB	102, 120, 137
Decimal	6719881
CIELab	54.58, -12.16, -3.99
CIELCh	55, 12.800, 198.168
Yxy	22.5222, 0.2766, 0.3289
Android (android.graphics.Color)	4284909961 (0xFF668989)
YUV	126.5350, 5.1592, -21.5172
Hunter-Lab	47.4576, -11.8107, -0.5314

Details

The XYZ color **18.9405, 22.5222, 27.0159** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4669, 15.7811, 14.6967**, and the grayscale version is **20.0021, 21.0437, 22.9166**.

A 20% lighter version of the original color is **41.0341, 47.4146, 55.7044**, and **6.5967, 8.2614, 10.2638** is the 20% darker color. If you saturate the color by 10%, you get **17.5145, 21.7877, 26.9494**, and if you desaturate by 10%, it is **20.6244, 23.3909, 27.0954**.

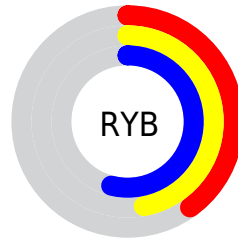
Distribution



Red (40%)

Green (54%)

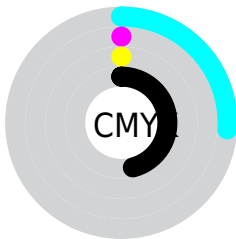
Blue (54%)



Red (40%)

Yellow (47%)

Blue (54%)

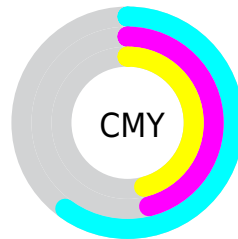


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9405, 22.5222, 27.0159 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 18.9405, 22.5222, 27.0159 by changing the saturation by 10% instead.

■ 18.9405, 22.5222,
27.0159

■ 18.9405, 22.5222,
27.0159

239.0645,
265.2613, 301.4967

■ 11.7310, 14.2411,
17.3526

■ 41.1512, 47.6076,
55.9134

■ 6.6317, 8.2885,
10.3216

■ 56.8831, 65.1807,
75.9848

■ 3.2771, 4.2801,
5.5043

■ 76.1866, 86.6198,
100.3625

■ 1.3020, 1.8315,
2.4822

■ 99.4270, 112.3095,
129.4653

■ 0.1847, 0.5067,
0.8307

126.9696,
142.6341, 163.7115

■ 0.0000, 0.0000,
0.0000

159.1798,

177.9780, 203.5198

196.4230,
218.7256, 249.3087

■ 18.9405, 22.5222,
27.0159

■ 18.9405, 22.5222,
27.0159

■ 17.5145, 21.7877,
26.9494

■ 20.6244, 23.3909,
27.0954

■ 16.3319, 21.1780,
26.8939

■ 22.5760, 24.3970,
27.1870

■ 15.3797, 20.6871,
26.8491

■ 24.8070, 25.5471,
27.2916

■ 14.6429, 20.3073,
26.8144

■ 27.3278, 26.8466,
27.4098

■ 14.1046, 20.0298,
26.7890

■ 30.1482, 28.3005,
27.5420

■ 13.7457, 19.8448,
26.7720

■ 33.2776, 29.9138,
27.6887

■ 13.5375, 19.7375,
26.7620

■ 36.7251, 31.6910,
27.8502

■ 13.4612, 19.6981,
26.7583

■ 40.4991, 33.6366,
28.0270

■ 44.6081, 35.7549,
28.2196

Harmonies

Analogous

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



18.8693, 22.5222, 22.9701



18.9405, 22.5222, 27.0159



19.6546, 22.5222, 30.7529

Triad

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



18.9405, 22.5222, 27.0159



23.4839, 22.5222, 30.0548



21.9655, 22.5222, 17.7015

Complementary

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



18.9405, 22.5222, 27.0159



17.4669, 15.7811, 14.6967

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.



23.2599, 22.5222, 19.1967



18.9405, 22.5222, 27.0159



24.1618, 22.5222, 26.1441

Square

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



18.9405, 22.5222, 27.0159



22.2603, 22.5222, 32.6352



24.0781, 22.5222, 22.1881



20.5751, 22.5222, 17.8803

Rectangle

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



18.9405, 22.5222, 27.0159



20.4174, 22.5222, 32.4309



24.0781, 22.5222, 22.1881



22.4274, 22.5222, 18.0177

Sweetspot

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



18.9412, 22.5231, 27.0164



39.4615, 43.1905, 48.6396



16.8904, 21.7105, 15.8712



8.7427, 9.6316, 10.9045



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9412, 22.5231, 27.0164



32.2980, 39.4976, 48.3035



16.7220, 18.0846, 26.2772



5.1728, 5.6886, 6.4312



12.5385, 18.3480, 24.9243



0.0833, 0.1219, 0.1656

Inverse Universe

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



17.4669, 15.7811, 14.6967



29.1641, 25.1654, 22.1141



19.3025, 19.4523, 15.3082



5.0329, 5.0486, 5.2616



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 18.9405, 22.5222, 27.0159 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9405, 22.5222, 27.0159 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 × Fail

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

XYZ 18.9405, 22.5222, 27.0159

Background



This preview shows how black text looks on a background with the XYZ color 18.9405, 22.5222, 27.0159.



This preview shows how white text looks on a background with the XYZ color 18.9405, 22.5222,

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

18.9405, 22.5222, 27.0159

Protanopia

21.5996, 22.2995, 25.3561

Deuteranopia

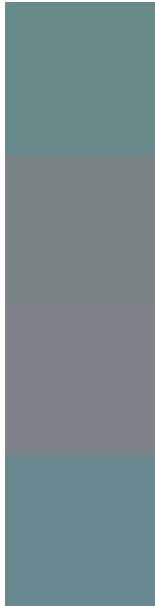
22.7685, 22.2748, 27.5255



Tritanopia

19.7014, 22.6267, 30.5231

Trichromacy



Original Color

18.9405, 22.5222, 27.0159

Protanomaly

20.4395, 22.2887, 25.7791

Deuteranomaly

21.1743, 22.2359, 27.2207

Tritanomaly

19.3556, 22.4751, 29.3046

Monochromacy



Original Color

18.9405, 22.5222, 27.0159

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6842, 21.7228, 24.6282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9405, 22.5222, 27.0159 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(102, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(102, 137, 137)  
}
```

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(102, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.9405, 22.5222, 27.0159 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(102, 137, 137) }
```


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

```
.border{ border-color:rgb(102, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(102, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9405, 22.5222, 27.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 137, 137) }
```

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

```
.background{ background-color: rgb(102,  
137, 137) }
```

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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