

Converting Colors

XYZ(18.4250, 22.4055, 27.0041)

Have a look what the booklet for
XYZ(18.4250, 22.4055, 27.0041)
contains.

XYZ(18.4277, 22.4699, 27.0328)	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(18.4277, 22.4699,
27.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	608A89
RGB	96, 138, 137
RGB Percent	38%, 54%, 54%
CMY	0.6235, 0.4588, 0.4627
CMYK	0.30, 0.00, 0.01, 0.46
HSL	179°, 18%, 46%
HSV	179°, 30%, 54%
XYZ	18.4277, 22.4699, 27.0328
YIQ	125.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

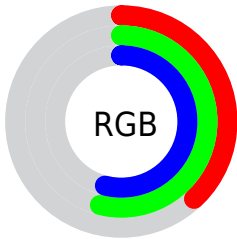
Format	Color
R_{YB}	96, 117, 138
Decimal	6326921
CIE _{Lab}	54.52, -14.59, -4.11
CIE _{LCh}	55, 15.155, 195.743
Yxy	22.4699, 0.2713, 0.3308
Android (android.graphics.Color)	4284517001 (0xFF608A89)
YUV	125.3280, 5.7543, -25.7207
Hunter-Lab	47.4024, -13.5623, -0.6304

Details

The XYZ color **18.4277, 22.4699, 27.0328** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8225, 14.6327, 13.2479**, and the grayscale version is **19.5912, 20.6115, 22.4459**.

A 20% lighter version of the original color is **40.3566, 47.7129, 55.7977**, and **6.3823, 8.2719, 10.2771** is the 20% darker color. If you saturate the color by 10%, you get **17.0779, 21.7774, 26.8470**, and if you desaturate by 10%, it is **20.0338, 23.2957, 27.2319**.

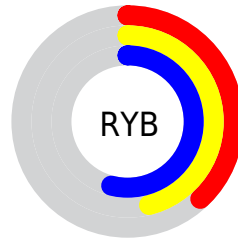
Distribution



Red (38%)

Green (54%)

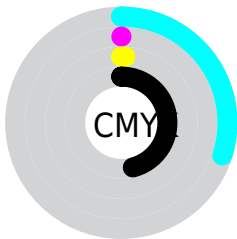
Blue (54%)



Red (38%)

Yellow (46%)

Blue (54%)

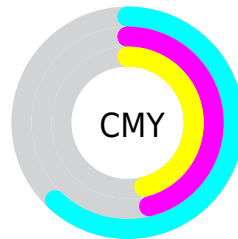


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (46%)



Cyan (62%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4277, 22.4699, 27.0328 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 18.4277, 22.4699, 27.0328 by changing the saturation by 10% instead.

■ 18.4277, 22.4699,
27.0328

■ 18.4277, 22.4699,
27.0328

236.2701,
264.9905, 301.5811

■ 11.3590, 14.2026,
17.3652

■ 40.2892, 47.5214,
55.9409

■ 6.3779, 8.2617,
10.3305

■ 55.8127, 65.0744,
76.0184

■ 3.1191, 4.2629,
5.5102

■ 74.8852, 86.4914,
100.4031

■ 1.2170, 1.8217,
2.4857

■ 97.8721, 112.1568,
129.5133

■ 0.1198, 0.5006,
0.8326

125.1386,
142.4551, 163.7677

■ 0.0000, 0.0000,
0.0000

157.0502,

177.7705, 203.5847

193.9723,
218.4875, 249.3830

■ 18.4277, 22.4699,
27.0328

■ 18.4277, 22.4699,
27.0328

■ 17.0779, 21.7774,
26.8470

■ 20.0338, 23.2957,
27.2319

■ 15.9692, 21.2085,
26.6725

■ 21.9065, 24.2584,
27.4434

■ 15.0875, 20.7567,
26.5089

■ 24.0581, 25.3648,
27.6683

■ 14.4169, 20.4137,
26.3555

■ 26.4995, 26.6207,
27.9071

■ 13.9391, 20.1701,
26.2116

■ 29.2410, 28.0312,
28.1603

■ 13.6328, 20.0148,
26.0761

■ 32.2923, 29.6014,
28.4285

■ 13.4417, 19.9189,
25.9516

■ 35.6628, 31.3362,
28.7119

■ 39.3614, 33.2401,
29.0111

■ 43.3968, 35.3176,
29.3264

Harmonies

Analogous

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



18.4083, 22.4699, 22.2814



18.4277, 22.4699, 27.0328



19.2044, 22.4699, 31.6201

Triad

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



18.4277, 22.4699, 27.0328



23.7274, 22.4699, 31.4216



22.1533, 22.4699, 16.6275

Complementary

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



18.4277, 22.4699, 27.0328



16.8225, 14.6327, 13.2479

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.



23.6646, 22.4699, 18.4814



18.4277, 22.4699, 27.0328



24.6048, 22.4699, 26.7887

Square

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



18.4277, 22.4699, 27.0328



22.2354, 22.4699, 34.3693



24.5813, 22.4699, 22.0669



20.5020, 22.4699, 16.6750

Rectangle

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



18.4277, 22.4699, 27.0328



20.0713, 22.4699, 33.7899



24.5813, 22.4699, 22.0669



22.6963, 22.4699, 17.0374

Sweetspot

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



18.4284, 22.4708, 27.0333



39.0565, 42.9862, 48.4197



16.1730, 21.5858, 14.3808



8.6576, 9.5888, 10.8492



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.



18.4284, 22.4708, 27.0333



30.6885, 38.6861, 47.4054



15.9376, 17.3738, 26.5593



5.1678, 5.6866, 6.4045



12.3245, 18.2624, 23.7971



0.0826, 0.1216, 0.1621

Inverse Universe

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



16.8225, 14.6327, 13.2479



27.3585, 22.4288, 18.8158



18.7927, 18.6473, 13.6756



5.0374, 5.0504, 5.2854



9.6272, 4.9610, 0.5410



0.0645, 0.0332, 0.0065

Previews

White Background



This preview shows how the XYZ color 18.4277, 22.4699, 27.0328 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 18.4277, 22.4699, 27.0328 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

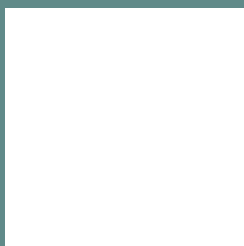
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4277, 22.4699, 27.0328

Background



This preview shows how black text looks on a background with the XYZ color 18.4277, 22.4699, 27.0328.



This preview shows how white text looks on a background with the XYZ color 18.4277, 22.4699,

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

18.4277, 22.4699, 27.0328

Protanopia

21.5308, 22.2720, 24.9939

Deuteranopia

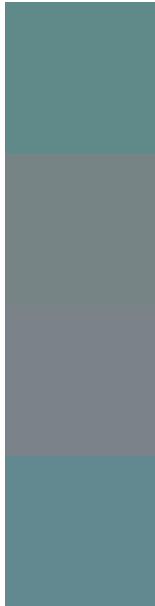
22.6023, 22.1891, 27.5177



Tritanopia

19.1076, 22.3116, 30.9032

Trichromacy



Original Color

18.4277, 22.4699, 27.0328

Protanomaly

20.1621, 22.1457, 25.7661

Deuteranomaly

20.7385, 22.0112, 27.2003

Tritanomaly

18.8334, 22.4159, 29.3207

Monochromacy



Original Color

18.4277, 22.4699, 27.0328

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8845, 21.1277, 23.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4277, 22.4699, 27.0328 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(96, 138, 137) looks like.

```
.text, #text, p{  
    color:rgb(96, 138, 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(96, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.4277, 22.4699, 27.0328 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(96, 138, 137) }
```


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

```
.border{ border-color:rgb(96, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(96, 138,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4277, 22.4699, 27.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 138, 137) }
```

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

```
.background{ background-color: rgb(96, 138,  
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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