

Converting Colors

XYZ(18.5595, 20.4905, 27.9048)

Have a look what the booklet for
XYZ(18.5595, 20.4905, 27.9048)
contains.

XYZ(18.5162, 20.4576, 27.7837)	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(18.5162, 20.4576,
27.7837)**

Conversions

Conversions Part 1

Format	Color
Hex	6B808C
RGB	107, 128, 140
RGB Percent	42%, 50%, 55%
CMY	0.5804, 0.4980, 0.4510
CMYK	0.24, 0.09, 0.00, 0.45
HSL	202°, 13%, 48%
HSV	202°, 24%, 55%
XYZ	18.5162, 20.4576, 27.7837
YIQ	123.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

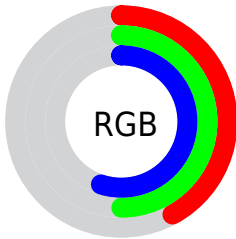
Format	Color
R_{YB}	107, 120, 140
Decimal	7045260
CIE _{Lab}	52.35, -4.76, -9.01
CIE _{LCh}	52, 10.191, 242.128
Yxy	20.4576, 0.2774, 0.3064
Android (android.graphics.Color)	4285235340 (0xFF6B808C)
YUV	123.0890, 8.3371, -14.1101
Hunter-Lab	45.2301, -6.0787, -4.7593

Details

The XYZ color **18.5162, 20.4576, 27.7837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0661, 19.8307, 16.6805**, and the grayscale version is **18.8338, 19.8146, 21.5781**.

A 20% lighter version of the original color is **40.5596, 44.3137, 57.4546**, and **6.4451, 7.2600, 10.7345** is the 20% darker color. If you saturate the color by 10%, you get **16.3202, 18.3649, 27.4959**, and if you desaturate by 10%, it is **21.0193, 22.7591, 28.0963**.

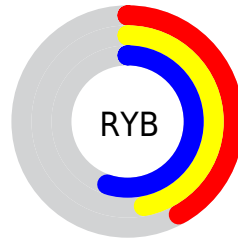
Distribution



Red (42%)

Green (50%)

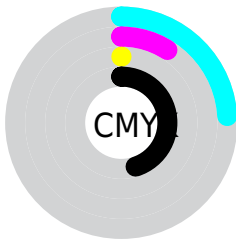
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

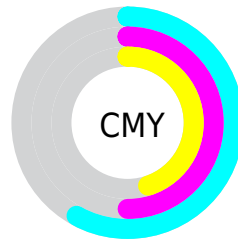


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5162, 20.4576, 27.7837 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 18.5162, 20.4576, 27.7837 by changing the saturation by 10% instead.

■ 18.5162, 20.4576,
27.7837

■ 18.5162, 20.4576,
27.7837

236.7545,
254.3817, 305.3113

■ 11.4231, 12.7281,
17.9251

■ 40.4382, 44.1831,
57.1579

■ 6.4216, 7.2416,
10.7273

■ 55.9979, 60.9478,
77.5105

■ 3.1462, 3.6136,
5.7719

■ 75.1104, 81.4931,
102.1981

■ 1.2315, 1.4599,
2.6404

■ 98.1413, 106.2034,
131.6394

■ 0.1310, 0.2602,
0.9132

125.4557,
135.4630, 166.2528

■ 0.0000, 0.0000,
0.0000

157.4192,

169.6563, 206.4569

194.3970,
209.1677, 252.6702

■ 18.5162, 20.4576,
27.7837

■ 18.5162, 20.4576,
27.7837

■ 16.3202, 18.3649,
27.4959

■ 21.0193, 22.7591,
28.0963

■ 14.4158, 16.4708,
27.2306

■ 23.8404, 25.2741,
28.4331

■ 12.7890, 14.7679,
26.9877

■ 26.9920, 28.0103,
28.7951

■ 11.4238, 13.2470,
26.7661

■ 30.4854, 30.9743,
29.1831

■ 10.3024, 11.8983,
26.5648

■ 34.3313, 34.1722,
29.5977

■ 9.4045, 10.7105,
26.3829

■ 38.5400, 37.6099,
30.0394

■ 8.7057, 9.6703,
26.2189

■ 43.1213, 41.2932,
30.5089

■ 8.3142, 9.0546,
26.1207

■ 48.0846, 45.2275,
31.0067

■ 53.4391, 49.4182,
31.5333

Harmonies

Analogous

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



17.7851, 20.4576, 25.4916



18.5162, 20.4576, 27.7837



19.5194, 20.4576, 28.5630

Triad

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



18.5162, 20.4576, 27.7837



21.5312, 20.4576, 22.0610



18.3909, 20.4576, 17.7307

Complementary

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



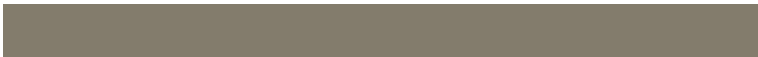
18.5162, 20.4576, 27.7837



20.0661, 19.8307, 16.6805

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.



19.3695, 20.4576, 16.9847



18.5162, 20.4576, 27.7837



21.2037, 20.4576, 19.3408

Square

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



18.5162, 20.4576, 27.7837



21.2831, 20.4576, 25.0871



20.4030, 20.4576, 17.5470



17.7146, 20.4576, 19.6810

Rectangle

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



18.5162, 20.4576, 27.7837



20.2143, 20.4576, 28.0682



20.4030, 20.4576, 17.5470



18.6941, 20.4576, 17.3391

Sweetspot

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



18.5168, 20.4584, 27.7842



40.1865, 42.9288, 49.9110



18.7447, 23.2034, 20.8026



9.2033, 9.8415, 11.4940



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.5168, 20.4584, 27.7842



30.6358, 34.1713, 48.7240



16.5861, 16.5970, 27.1406



5.0225, 5.3879, 6.3811



7.4066, 8.0835, 23.2156



0.0632, 0.0816, 0.1589

Inverse Universe

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



19.9697, 17.6498, 22.7773



33.6746, 28.5206, 38.2015



22.1404, 23.9792, 17.3719



5.1580, 5.0986, 5.9203



11.2253, 5.6002, 8.9568



0.0816, 0.0400, 0.0966

Previews

White Background



This preview shows how the XYZ color 18.5162, 20.4576, 27.7837 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 18.5162, 20.4576, 27.7837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

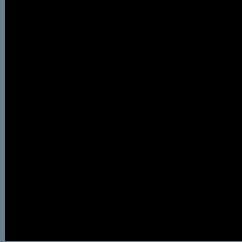
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

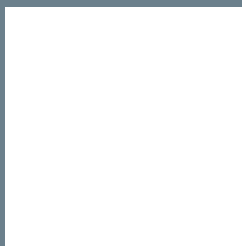
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5162, 20.4576, 27.7837

Background



This preview shows how black text looks on a background with the XYZ color 18.5162, 20.4576, 27.7837.



This preview shows how white text looks on a background with the XYZ color 18.5162, 20.4576,

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

18.5162, 20.4576, 27.7837

Protanopia

19.8914, 20.4324, 26.5624

Deuteranopia

20.6984, 20.2650, 28.0199



Tritanopia

18.3700, 20.3991, 27.0140

Trichromacy



Original Color

18.5162, 20.4576, 27.7837

Protanomaly

19.2572, 20.2841, 26.9450

Deuteranomaly

19.9005, 20.4033, 28.0887

Tritanomaly

18.4428, 20.4282, 27.3971

Monochromacy



Original Color

18.5162, 20.4576, 27.7837

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6322, 20.0341, 23.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5162, 20.4576, 27.7837 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(107, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 140)  
}
```

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(107, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 18.5162, 20.4576, 27.7837 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(107, 128, 140) }
```


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

```
.border{ border-color:rgb(107, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(107, 128,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5162, 20.4576, 27.7837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 140) }
```

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

```
.background{ background-color: rgb(107,  
128, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor