

Converting Colors

XYZ(18.6258, 22.2732, 30.9212)

Have a look what the booklet for
XYZ(18.6258, 22.2732, 30.9212)
contains.

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Color

**XYZ(18.6258, 22.2732,
30.9212)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8993
RGB	92, 137, 147
RGB Percent	36%, 54%, 58%
CMY	0.6392, 0.4627, 0.4235
CMYK	0.37, 0.07, 0.00, 0.42
HSL	191°, 23%, 47%
HSV	191°, 37%, 58%
XYZ	18.6258, 22.2732, 30.9212
YIQ	124.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

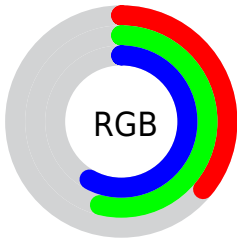
Format	Color
R_{YB}	92, 117, 147
Decimal	6064531
CIE _{Lab}	54.32, -12.66, -10.23
CIE _{LCh}	54, 16.277, 218.924
Yxy	22.2732, 0.2593, 0.3101
Android (android.graphics.Color)	4284254611 (0xFF5C8993)
YUV	124.6850, 11.0013, -28.6647
Hunter-Lab	47.1945, -12.1435, -5.8099

Details

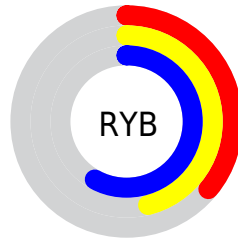
The XYZ color **18.6258, 22.2732, 30.9212** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7162, 16.4790, 12.3203**, and the grayscale version is **19.3592, 20.3674, 22.1801**.

A 20% lighter version of the original color is **40.4577, 46.9732, 62.1927**, and **6.4340, 8.1323, 12.2969** is the 20% darker color. If you saturate the color by 10%, you get **16.9224, 20.8386, 30.7345**, and if you desaturate by 10%, it is **20.6250, 23.8753, 31.1255**.

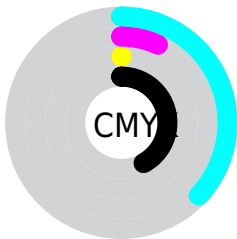
Distribution



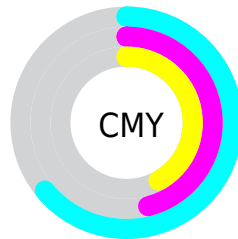
- Red (36%)
- Green (54%)
- Blue (58%)



- Red (36%)
- Yellow (46%)
- Blue (58%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6258, 22.2732, 30.9212 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 18.6258, 22.2732, 30.9212 by changing the saturation by 10% instead.

■ 18.6258, 22.2732,
30.9212

■ 18.6258, 22.2732,
30.9212

237.3531,
263.9697, 320.5151

■ 11.5026, 14.0578,
20.2809

■ 40.6226, 47.1971,
62.1941

■ 6.4757, 8.1609,
12.4133

■ 56.2269, 64.6744,
83.6638

■ 3.1798, 4.1981,
6.8999

■ 75.3890, 86.0078,
109.5803

■ 1.2496, 1.7850,
3.3221

■ 98.4742, 111.5816,
140.3623

■ 0.1450, 0.4778,
1.2613

125.8478,
141.7804, 176.4282

■ 0.0000, 0.0000,
0.0298

157.8753,

■ 0.0000, 0.0000,

176.9883, 218.1966

0.0000

194.9219,
217.5900, 266.0861

■ 18.6258, 22.2732,
30.9212

■ 18.6258, 22.2732,
30.9212

■ 16.9224, 20.8386,
30.7345

■ 20.6250, 23.8753,
31.1255

■ 15.4960, 19.5601,
30.5629

■ 22.9331, 25.6503,
31.3464

■ 14.3292, 18.4292,
30.4061

■ 25.5651, 27.6063,
31.5852

■ 13.4011, 17.4351,
30.2631

■ 28.5343, 29.7505,
31.8426

■ 12.6881, 16.5654,
30.1328

■ 31.8532, 32.0893,
32.1191

■ 12.1476, 15.7980,
30.0132

■ 35.5337, 34.6290,
32.4153

■ 12.0163, 15.6061,
29.9831

■ 39.5871, 37.3755,
32.7318

■ 44.0244, 40.3344,
33.0691

■ 48.8557, 43.5113,
33.4277

Harmonies

Analogous

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



17.9761, 22.2732, 25.7987



18.6258, 22.2732, 30.9212



19.9670, 22.2732, 34.5560

Triad

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



18.6258, 22.2732, 30.9212



24.5148, 22.2732, 27.9368



20.6453, 22.2732, 15.8251

Complementary

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



18.6258, 22.2732, 30.9212



18.7162, 16.4790, 12.3203

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.



22.4204, 22.2732, 16.2312



18.6258, 22.2732, 30.9212



24.7214, 22.2732, 22.7678

Square

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



18.6258, 22.2732, 30.9212



23.3861, 22.2732, 32.6727



23.9360, 22.2732, 18.6177



19.0986, 22.2732, 17.4184

Rectangle

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



18.6258, 22.2732, 30.9212



21.1060, 22.2732, 35.3879



23.9360, 22.2732, 18.6177



21.2341, 22.2732, 15.7376

Sweetspot

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



18.6265, 22.2741, 30.9217



43.9158, 48.0638, 56.3972



17.2051, 24.0861, 16.0978



9.8935, 10.8743, 12.8623



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.6265, 22.2741, 30.9217



30.7270, 37.6828, 55.0886



15.2927, 15.6065, 29.8105



5.8754, 6.3848, 7.3925



10.4337, 13.5622, 25.9989



0.1465, 0.2035, 0.3245

Inverse Universe

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



20.3757, 15.6642, 25.6174



34.4168, 24.3691, 43.7589



21.7713, 22.5892, 13.3386



5.9906, 5.8913, 7.0564



13.3935, 6.5625, 16.0852



0.1734, 0.0841, 0.2467

Previews

White Background



This preview shows how the XYZ color 18.6258, 22.2732, 30.9212 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 18.6258, 22.2732, 30.9212 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

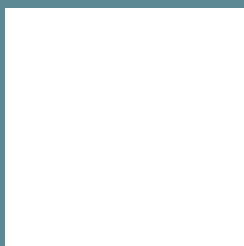
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6258, 22.2732, 30.9212

Background



This preview shows how black text looks on a background with the XYZ color 18.6258, 22.2732, 30.9212.

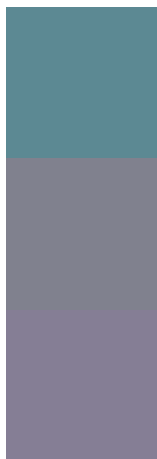


This preview shows how white text looks on a background with the XYZ color 18.6258, 22.2732,

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

18.6258, 22.2732, 30.9212

Protanopia

21.6348, 22.2427, 28.7442

Deuteranopia

22.5585, 22.0782, 31.5063



Tritanopia

18.7046, 22.3048, 31.3364

Trichromacy



Original Color

18.6258, 22.2732, 30.9212

Protanomaly

20.3555, 22.1610, 29.5902

Deuteranomaly

20.7991, 21.9549, 31.1585

Tritanomaly

18.7046, 22.3048, 31.3364

Monochromacy



Original Color

18.6258, 22.2732, 30.9212

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8939, 20.9047, 25.2295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6258, 22.2732, 30.9212 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(92, 137, 147)` looks like.

```
.text, #text, p{  
    color:rgb(92, 137, 147)  
}
```

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(92, 137, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 137, 147) }
```

Border

The CSS property to change the border of an element to XYZ 18.6258, 22.2732, 30.9212 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(92, 137, 147) }
```


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

```
.border{ border-color:rgb(92, 137, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 137, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 137, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 137, 147);  
box-shadow:4px 4px 4px 4px rgb(92, 137,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6258, 22.2732, 30.9212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 137, 147) }
```

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

```
.background{ background-color: rgb(92, 137,  
147) }
```

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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