

Converting Colors

XYZ(18.7792, 22.2946, 30.6019)

Have a look what the booklet for
XYZ(18.7792, 22.2946, 30.6019)
contains.

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Color

**XYZ(18.8533, 22.3995,
30.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8992
RGB	95, 137, 146
RGB Percent	37%, 54%, 57%
CMY	0.6274, 0.4627, 0.4274
CMYK	0.35, 0.06, 0.00, 0.43
HSL	191°, 21%, 47%
HSV	191°, 35%, 57%
XYZ	18.8533, 22.3995, 30.5240
YIQ	125.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

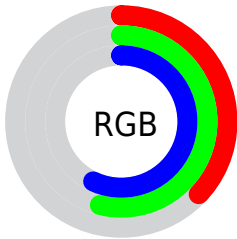
Format	Color
R_{YB}	95, 118, 146
Decimal	6261138
CIE _{Lab}	54.45, -12.06, -9.43
CIE _{LCh}	54, 15.309, 218.036
Y _{xy}	22.3995, 0.2627, 0.3121
Android (android.graphics.Color)	4284451218 (0xFF5F8992)
YUV	125.4680, 10.1223, -26.7204
Hunter-Lab	47.3281, -11.7182, -5.1091

Details

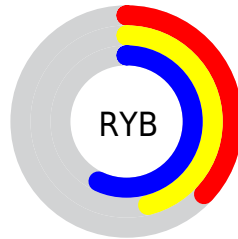
The XYZ color **18.8533, 22.3995, 30.5240** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8704, 16.8383, 13.0827**, and the grayscale version is **19.6250, 20.6470, 22.4846**.

A 20% lighter version of the original color is **40.8714, 47.2001, 61.6000**, and **6.6017, 8.2188, 12.3048** is the 20% darker color. If you saturate the color by 10%, you get **17.1149, 20.9667, 30.3394**, and if you desaturate by 10%, it is **20.8861, 23.9982, 30.7258**.

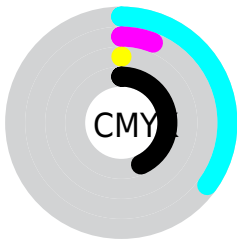
Distribution



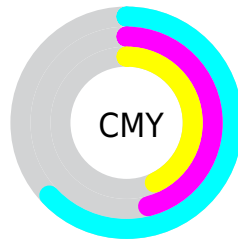
- Red (37%)
- Green (54%)
- Blue (57%)



- Red (37%)
- Yellow (46%)
- Blue (57%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8533, 22.3995, 30.5240 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 18.8533, 22.3995, 30.5240 by changing the saturation by 10% instead.

■ 18.8533, 22.3995,
30.5240

■ 18.8533, 22.3995,
30.5240

238.5914,
264.6255, 318.6224

■ 11.6677, 14.1507,
19.9812

■ 41.0049, 47.4054,
61.5606

■ 6.5884, 8.2256,
12.1975

■ 56.7015, 64.9313,
82.8916

■ 3.2501, 4.2396,
6.7541

■ 75.9659, 86.3184,
108.6557

■ 1.2874, 1.8085,
3.2327

■ 99.1634, 111.9511,
139.2715

■ 0.1737, 0.4925,
1.2147

126.6593,
142.2138, 175.1575

■ 0.0000, 0.0000,
0.0000

158.8191,

177.4908, 216.7323

196.0080,
218.1666, 264.4144

■ 18.8533, 22.3995,
30.5240

■ 18.8533, 22.3995,
30.5240

■ 17.1149, 20.9667,
30.3394

■ 20.8861, 23.9982,
30.7258

■ 15.6528, 19.6886,
30.1698

■ 23.2260, 25.7676,
30.9440

■ 14.4502, 18.5572,
30.0148

■ 25.8873, 27.7160,
31.1798

■ 13.4875, 17.5621,
29.8735

■ 28.8830, 29.8500,
31.4339

■ 12.7422, 16.6917,
29.7448

■ 32.2252, 32.1760,
31.7067

■ 12.1849, 15.9308,
29.6273

■ 35.9255, 34.7000,
31.9988

■ 11.9337, 15.5659,
29.5701

■ 39.9949, 37.4277,
32.3108

■ 44.4439, 40.3647,
32.6432

■ 49.2825, 43.5163,
32.9965

Harmonies

Analogous

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



18.2582, 22.3995, 25.7013



18.8533, 22.3995, 30.5240



20.1083, 22.3995, 33.9803

Triad

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



18.8533, 22.3995, 30.5240



24.4181, 22.3995, 28.0035



20.8431, 22.3995, 16.3502

Complementary

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



18.8533, 22.3995, 30.5240



18.8704, 16.8383, 13.0827

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.



22.5172, 22.3995, 16.7975



18.8533, 22.3995, 30.5240



24.6402, 22.3995, 23.1226

Square

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



18.8533, 22.3995, 30.5240



23.3363, 22.3995, 32.3974



23.9282, 22.3995, 19.1370



19.3670, 22.3995, 17.8231

Rectangle

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



18.8533, 22.3995, 30.5240



21.1799, 22.3995, 34.8152



23.9282, 22.3995, 19.1370



21.4006, 22.3995, 16.2851

Sweetspot

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



18.8540, 22.4004, 30.5245



43.1202, 47.0413, 54.7808



17.4721, 23.9805, 16.6724



9.4636, 10.3702, 12.1751



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.8540, 22.4004, 30.5245



30.7891, 37.4901, 53.5871



15.7024, 16.0972, 29.4740



5.8780, 6.3900, 7.3933



10.5159, 13.7267, 26.0263



0.1471, 0.2047, 0.3247

Inverse Universe

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



20.4622, 16.1022, 25.6974



34.1382, 24.8972, 43.4175



21.7704, 22.6383, 14.0493



5.9919, 5.8918, 7.0632



13.4350, 6.5791, 16.3038



0.1737, 0.0842, 0.2483

Previews

White Background



This preview shows how the XYZ color 18.8533, 22.3995, 30.5240 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 18.8533, 22.3995, 30.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

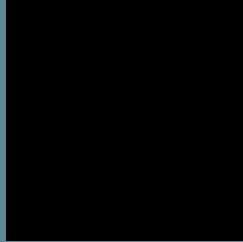
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.8533, 22.3995, 30.5240

Background



This preview shows how black text looks on a background with the XYZ color 18.8533, 22.3995, 30.5240.



This preview shows how white text looks on a background with the XYZ color 18.8533, 22.3995,

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

18.8533, 22.3995, 30.5240

Protanopia

21.7112, 22.2907, 28.3575

Deuteranopia

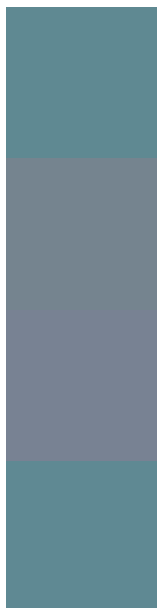
22.6377, 22.1282, 31.0950



Tritanopia

19.0103, 22.4623, 31.3507

Trichromacy



Original Color

18.8533, 22.3995, 30.5240

Protanomaly

20.5453, 22.2676, 29.2018

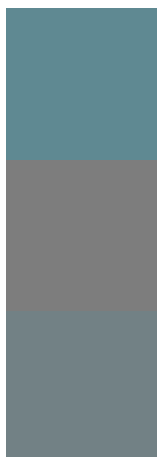
Deuteranomaly

20.9948, 22.0649, 30.7562

Tritanomaly

18.9314, 22.4308, 30.9355

Monochromacy



Original Color

18.8533, 22.3995, 30.5240

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0233, 20.9714, 25.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8533, 22.3995, 30.5240 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(95, 137, 146)` looks like.

```
.text, #text, p{  
    color:rgb(95, 137, 146)  
}
```

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(95, 137, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 137, 146) }
```

Border

The CSS property to change the border of an element to XYZ 18.8533, 22.3995, 30.5240 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(95, 137, 146) }
```


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

```
.border{ border-color:rgb(95, 137, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 137, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 137, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 137, 146);  
box-shadow:4px 4px 4px 4px rgb(95, 137,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8533, 22.3995, 30.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 137, 146) }
```

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

```
.background{ background-color: rgb(95, 137,  
146) }
```

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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