

Converting Colors

XYZ(18.3821, 22.1938, 29.2336)

Have a look what the booklet for
XYZ(18.3821, 22.1938, 29.2336)
contains.

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Color

**XYZ(18.4178, 22.2016,
29.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	5D898F
RGB	93, 137, 143
RGB Percent	36%, 54%, 56%
CMY	0.6353, 0.4627, 0.4392
CMYK	0.35, 0.04, 0.00, 0.44
HSL	187°, 21%, 46%
HSV	187°, 35%, 56%
XYZ	18.4178, 22.2016, 29.3012
YIQ	124.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

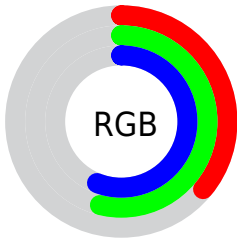
Format	Color
R_{YB}	93, 116, 143
Decimal	6130063
CIE _{Lab}	54.24, -13.42, -8.02
CIE _{LCh}	54, 15.636, 210.856
Yxy	22.2016, 0.2634, 0.3175
Android (android.graphics.Color)	4284320143 (0xFF5D898F)
YUV	124.5280, 9.1067, -27.6501
Hunter-Lab	47.1186, -12.6851, -3.8871

Details

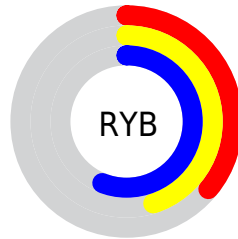
The XYZ color **18.4178, 22.2016, 29.3012** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7657, 15.5540, 12.4224**, and the grayscale version is **19.3123, 20.3180, 22.1263**.

A 20% lighter version of the original color is **40.1686, 46.8779, 59.7545**, and **6.3802, 8.1203, 11.5870** is the 20% darker color. If you saturate the color by 10%, you get **16.8618, 21.0408, 29.1595**, and if you desaturate by 10%, it is **20.2497, 23.5115, 29.4579**.

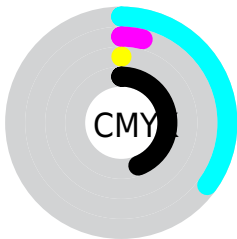
Distribution



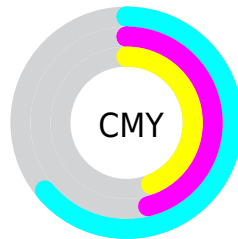
- Red (36%)
- Green (54%)
- Blue (56%)



- Red (36%)
- Yellow (45%)
- Blue (56%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4178, 22.2016, 29.3012 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 18.4178, 22.2016, 29.3012 by changing the saturation by 10% instead.

■ 18.4178, 22.2016,
29.3012

■ 18.4178, 22.2016,
29.3012

236.2159,
263.5973, 312.7387

■ 11.3519, 14.0051,
19.0613

■ 40.2725, 47.0790,
59.6032

■ 6.3731, 8.1242,
11.5373

■ 55.7920, 64.5286,
80.5023

■ 3.1160, 4.1745,
6.3108

■ 74.8600, 85.8315,
105.7915

■ 1.2154, 1.7717,
2.9631

■ 97.8419, 111.3719,
135.8895

■ 0.1185, 0.4694,
1.0758

125.1031,
141.5343, 171.2146

■ 0.0000, 0.0000,
0.0000

157.0089,

176.7031, 212.1855

193.9247,
217.2626, 259.2207

■ 18.4178, 22.2016,
29.3012

■ 18.4178, 22.2016,
29.3012

■ 16.8618, 21.0408,
29.1595

■ 20.2497, 23.5115,
29.4579

■ 15.5645, 20.0186,
29.0306

■ 22.3695, 24.9750,
29.6286

■ 14.5101, 19.1272,
28.9141

■ 24.7908, 26.5998,
29.8146

■ 13.6799, 18.3572,
28.8092

■ 27.5259, 28.3922,
30.0164

■ 13.0526, 17.6974,
28.7149

■ 30.5863, 30.3581,
30.2346

■ 12.5999, 17.1332,
28.6299

■ 33.9828, 32.5032,
30.4696

■ 12.3989, 16.8651,
28.5888

■ 37.7260, 34.8329,
30.7220

■ 41.8258, 37.3524,
30.9922

■ 46.2918, 40.0667,
31.2808

Harmonies

Analogous

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



17.9987, 22.2016, 24.3139



18.4178, 22.2016, 29.3012



19.5494, 22.2016, 33.3088

Triad

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



18.4178, 22.2016, 29.3012



24.0883, 22.2016, 29.0267



21.0532, 22.2016, 15.9679

Complementary

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



18.4178, 22.2016, 29.3012



17.7657, 15.5540, 12.4224

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.



22.7346, 22.2016, 16.8832



18.4178, 22.2016, 29.3012



24.5428, 22.2016, 24.0342

Square

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



18.4178, 22.2016, 29.3012



22.8236, 22.2016, 33.1360



24.0350, 22.2016, 19.6824



19.4691, 22.2016, 16.9935

Rectangle

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



18.4178, 22.2016, 29.3012



20.5866, 22.2016, 34.6470



24.0350, 22.2016, 19.6824



21.6258, 22.2016, 16.0575

Sweetspot

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



18.4185, 22.2025, 29.3017



42.0517, 46.0718, 53.2144



16.5814, 22.8702, 15.3037



9.5195, 10.4820, 12.1937



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.



18.4185, 22.2025, 29.3017



30.7359, 38.0911, 52.2704



15.2853, 15.9361, 28.2573



5.5058, 6.0074, 6.8981



10.9729, 14.9317, 25.2809



0.1150, 0.1629, 0.2451

Inverse Universe

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



19.7580, 15.4751, 25.6134



33.5581, 24.3412, 44.4045



20.4907, 21.0040, 13.3308



5.5988, 5.5000, 6.6512



13.3417, 6.4937, 17.9826



0.1326, 0.0641, 0.1987

Previews

White Background



This preview shows how the XYZ color 18.4178, 22.2016, 29.3012 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 18.4178, 22.2016, 29.3012 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

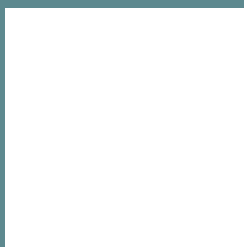
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4178, 22.2016, 29.3012

Background



This preview shows how black text looks on a background with the XYZ color 18.4178, 22.2016, 29.3012.



This preview shows how white text looks on a background with the XYZ color 18.4178, 22.2016,

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

18.4178, 22.2016, 29.3012

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

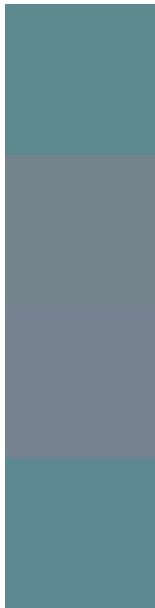
22.4032, 22.0344, 29.8603



Tritanopia

18.6867, 22.0946, 30.8835

Trichromacy



Original Color

18.4178, 22.2016, 29.3012

Protanomaly

20.0524, 21.8391, 27.9694

Deuteranomaly

20.6244, 21.9008, 29.5258

Tritanomaly

18.6086, 22.0633, 30.4720

Monochromacy



Original Color

18.4178, 22.2016, 29.3012

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8252, 20.8772, 24.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4178, 22.2016, 29.3012 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(93, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(93, 137, 143)  
}
```

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(93, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 18.4178, 22.2016, 29.3012 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(93, 137, 143) }
```


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

```
.border{ border-color:rgb(93, 137, 143) }
```

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

Here you see how a box with a 4 pixel rgb(93, 137, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(93, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4178, 22.2016, 29.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 137, 143) }
```

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

```
.background{ background-color: rgb(93, 137,  
143) }
```

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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