

Converting Colors

XYZ(18.2562, 20.1050, 28.9050)

Have a look what the booklet for
XYZ(18.2562, 20.1050, 28.9050)
contains.

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Color

**XYZ(18.2562, 20.1050,
28.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	687F8F
RGB	104, 127, 143
RGB Percent	41%, 50%, 56%
CMY	0.5922, 0.5019, 0.4392
CMYK	0.27, 0.11, 0.00, 0.44
HSL	205°, 16%, 48%
HSV	205°, 27%, 56%
XYZ	18.2562, 20.1050, 28.9050
YIQ	121.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

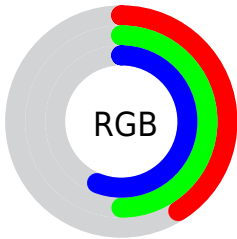
Format	Color
R_{YB}	104, 118, 143
Decimal	6848399
CIE _{Lab}	51.96, -4.42, -11.37
CIE _{LCh}	52, 12.204, 248.742
Yxy	20.1050, 0.2714, 0.2989
Android (android.graphics.Color)	4285038479 (0xFF687F8F)
YUV	121.9470, 10.3791, -15.7395
Hunter-Lab	44.8386, -5.7906, -6.8340

Details

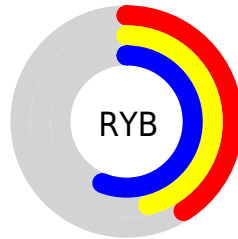
The XYZ color **18.2562, 20.1050, 28.9050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5430, 20.2720, 15.9273**, and the grayscale version is **18.4535, 19.4145, 21.1424**.

A 20% lighter version of the original color is **40.1096, 43.7417, 59.1523**, and **6.2757, 7.0513, 11.3862** is the 20% darker color. If you saturate the color by 10%, you get **15.9994, 17.8499, 28.5890**, and if you desaturate by 10%, it is **20.8398, 22.5951, 29.2498**.

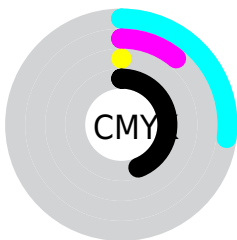
Distribution



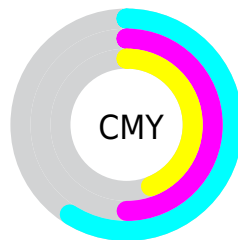
- Red (41%)
- Green (50%)
- Blue (56%)



- Red (41%)
- Yellow (46%)
- Blue (56%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2562, 20.1050, 28.9050 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 18.2562, 20.1050, 28.9050 by changing the saturation by 10% instead.

■ 18.2562, 20.1050,
28.9050

■ 18.2562, 20.1050,
28.9050

235.3289,
252.4830, 310.8134

■ 11.2349, 12.4714,
18.7640

■ 40.0001, 43.5932,
58.9665

■ 6.2935, 7.0656,
11.3248

■ 55.4533, 60.2165,
79.7241

■ 3.0667, 3.5031,
6.1688

■ 74.4480, 80.6052,
104.8576

■ 1.1891, 1.3997,
2.8776

■ 97.3493, 105.1436,
134.7856

■ 0.0978, 0.2165,
1.0325

124.5227,
134.2163, 169.9267

■ 0.0000, 0.0000,
0.0000

156.3335,

168.2074, 210.6993

193.1472,
207.5015, 257.5220

■ 18.2562, 20.1050,
28.9050

■ 18.2562, 20.1050,
28.9050

■ 15.9994, 17.8499,
28.5890

■ 20.8398, 22.5951,
29.2498

■ 14.0528, 15.8186,
28.2995

■ 23.7624, 25.3259,
29.6229

■ 12.4006, 14.0023,
28.0360

■ 27.0375, 28.3062,
30.0255

■ 11.0251, 12.3908,
27.7975

■ 30.6777, 31.5433,
30.4585

■ 9.9064, 10.9725,
27.5827

■ 34.6945, 35.0442,
30.9225

■ 9.0216, 9.7345,
27.3904

■ 39.0992, 38.8158,
31.4183

■ 8.3298, 8.6544,
27.2183

■ 43.9025, 42.8644,
31.9466

■ 8.1548, 8.3768,
27.1740

■ 49.1146, 47.1963,
32.5081

■ 54.7455, 51.8175,
33.1033

Harmonies

Analogous

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



17.3061, 20.1050, 26.4570



18.2562, 20.1050, 28.9050



19.4745, 20.1050, 29.3721

Triad

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



18.2562, 20.1050, 28.9050



21.5686, 20.1050, 20.8676



17.6530, 20.1050, 16.9772

Complementary

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



18.2562, 20.1050, 28.9050



20.5430, 20.2720, 15.9273

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.



18.7485, 20.1050, 15.8019



18.2562, 20.1050, 28.9050



21.0334, 20.1050, 17.8830

Square

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



18.2562, 20.1050, 28.9050



21.4228, 20.1050, 24.4660



19.9884, 20.1050, 16.1146



16.9685, 20.1050, 19.5032

Rectangle

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



18.2562, 20.1050, 28.9050



20.2809, 20.1050, 28.4532



19.9884, 20.1050, 16.1146



17.9835, 20.1050, 16.4242

Sweetspot

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



18.2568, 20.1058, 28.9055



42.0593, 44.8976, 52.9874



18.8977, 23.9347, 21.2665



9.4715, 10.1353, 12.1293



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.



18.2568, 20.1058, 28.9055



30.0319, 33.3631, 51.3949



16.0193, 15.6307, 28.1596



5.3772, 5.7503, 6.8553



7.2312, 7.4484, 24.0336



0.0909, 0.1147, 0.2370

Inverse Universe

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



20.1092, 17.2730, 22.3538



34.0131, 27.6259, 37.2352



23.0738, 25.3337, 16.7709



5.5339, 5.4741, 6.3095



11.4531, 5.7383, 8.0373



0.1205, 0.0593, 0.1347

Previews

White Background



This preview shows how the XYZ color 18.2562, 20.1050, 28.9050 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 18.2562, 20.1050, 28.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

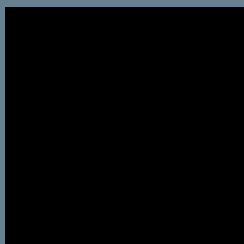
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

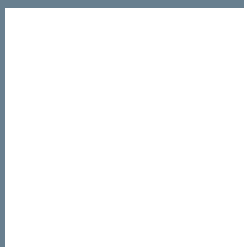
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2562, 20.1050, 28.9050

Background



This preview shows how black text looks on a background with the XYZ color 18.2562, 20.1050, 28.9050.



This preview shows how white text looks on a background with the XYZ color 18.2562, 20.1050,

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

18.2562, 20.1050, 28.9050

Protanopia

19.7017, 20.1243, 27.6569

Deuteranopia

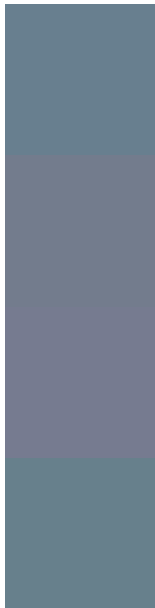
20.4756, 20.1240, 29.1907



Tritanopia

17.9001, 20.1569, 26.9920

Trichromacy



Original Color

18.2562, 20.1050, 28.9050

Protanomaly

19.0856, 19.9832, 28.0505

Deuteranomaly

19.5882, 20.0311, 29.2195

Tritanomaly

18.0463, 20.2154, 27.7618

Monochromacy



Original Color

18.2562, 20.1050, 28.9050

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3071, 19.6718, 23.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2562, 20.1050, 28.9050 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(104, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(104, 127, 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(104, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 127, 143) }
```

Border

The CSS property to change the border of an element to XYZ 18.2562, 20.1050, 28.9050 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(104, 127, 143) }
```


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

```
.border{ border-color:rgb(104, 127, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 127, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 127, 143);  
box-shadow:4px 4px 4px 4px rgb(104, 127,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2562, 20.1050, 28.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 127, 143) }
```

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

```
.background{ background-color: rgb(104,  
127, 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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