

Converting Colors

XYZ(18.8674, 21.1475, 26.7546)

Have a look what the booklet for
XYZ(18.8674, 21.1475, 26.7546)
contains.

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Color

**XYZ(18.8047, 21.0226,
26.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8289
RGB	109, 130, 137
RGB Percent	43%, 51%, 54%
CMY	0.5725, 0.4902, 0.4627
CMYK	0.20, 0.05, 0.00, 0.46
HSL	195°, 11%, 48%
HSV	195°, 20%, 54%
XYZ	18.8047, 21.0226, 26.7336
YIQ	124.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

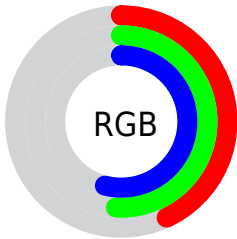
Format	Color
R_{YB}	109, 121, 137
Decimal	7176841
CIE _{Lab}	52.97, -5.95, -6.31
CIE _{LCh}	53, 8.679, 226.684
Yxy	21.0226, 0.2825, 0.3158
Android (android.graphics.Color)	4285366921 (0xFF6D8289)
YUV	124.5190, 6.1531, -13.6102
Hunter-Lab	45.8504, -7.0297, -2.4744

Details

The XYZ color **18.8047, 21.0226, 26.7336** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3225, 18.9135, 17.1008**, and the grayscale version is **19.3156, 20.3215, 22.1301**.

A 20% lighter version of the original color is **40.9257, 45.1617, 55.2753**, and **6.5872, 7.5651, 10.1298** is the 20% darker color. If you saturate the color by 10%, you get **16.8012, 19.3253, 26.5119**, and if you desaturate by 10%, it is **21.0874, 22.8874, 26.9736**.

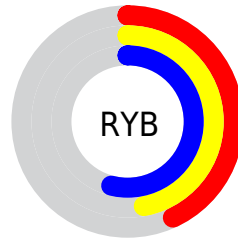
Distribution



Red (43%)

Green (51%)

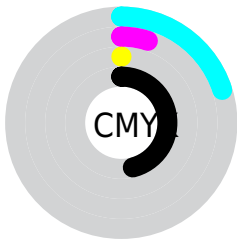
Blue (54%)



Red (43%)

Yellow (47%)

Blue (54%)

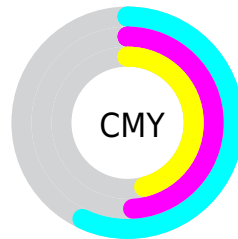


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8047, 21.0226, 26.7336 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 18.8047, 21.0226, 26.7336 by changing the saturation by 10% instead.

■ 18.8047, 21.0226,
26.7336

■ 18.8047, 21.0226,
26.7336

238.3273,
257.3986, 300.0842

■ 11.6324, 13.1405,
17.1426

■ 40.9233, 45.1251,
55.4546

■ 6.5643, 7.5254,
10.1732

■ 56.6002, 62.1144,
75.4217

■ 3.2350, 3.7928,
5.4068

■ 75.8428, 82.9082,
99.6845

■ 1.2792, 1.5583,
2.4250

■ 99.0164, 107.8909,
128.6617

■ 0.1676, 0.3293,
0.8000

126.4862,
137.4468, 162.7717

■ 0.0000, 0.0000,
0.0000

158.6178,

171.9605, 202.4331

195.7764,
211.8163, 248.0644

■ 18.8047, 21.0226,
26.7336

■ 18.8047, 21.0226,
26.7336

■ 16.8012, 19.3253,
26.5119

■ 21.0874, 22.8874,
26.9736

■ 15.0626, 17.7863,
26.3065

■ 23.6588, 24.9232,
27.2310

■ 13.5765, 16.3996,
26.1172

■ 26.5303, 27.1367,
27.5069

■ 12.3282, 15.1573,
25.9432

■ 29.7124, 29.5334,
27.8018

■ 11.3020, 14.0511,
25.7837

■ 33.2146, 32.1185,
28.1162

■ 10.4797, 13.0714,
25.6380

■ 37.0464, 34.8971,
28.4505

■ 9.8402, 12.2072,
25.5049

■ 41.2166, 37.8738,
28.8053

■ 9.3416, 11.4585,
25.3866

■ 45.7338, 41.0534,
29.1809

■ 50.6063, 44.4402,
29.5779

Harmonies

Analogous

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



18.3515, 21.0226, 24.3592



18.8047, 21.0226, 26.7336



19.5810, 21.0226, 28.1217

Triad

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



18.8047, 21.0226, 26.7336



21.7331, 21.0226, 24.0639



19.4831, 21.0226, 18.4170

Complementary

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



18.8047, 21.0226, 26.7336



19.3225, 18.9135, 17.1008

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.



20.3871, 21.0226, 18.3511



18.8047, 21.0226, 26.7336



21.7050, 21.0226, 21.4811

Square

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



18.8047, 21.0226, 26.7336



21.2818, 21.0226, 26.5033



21.2061, 21.0226, 19.4337



18.7350, 21.0226, 19.6211

Rectangle

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



18.8047, 21.0226, 26.7336



20.1857, 21.0226, 28.2374



21.2061, 21.0226, 19.4337



19.7784, 21.0226, 18.2644

Sweetspot

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



18.8053, 21.0235, 26.7341



39.6806, 42.5176, 48.4985



18.3781, 22.3931, 19.7352



8.8454, 9.4930, 10.8725



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.8053, 21.0235, 26.7341



31.7800, 36.0569, 47.6679



17.1219, 17.6565, 26.1729



5.0688, 5.4805, 6.3965



8.7113, 10.6928, 23.6505



0.0695, 0.0942, 0.1610

Inverse Universe

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



19.8150, 17.8679, 23.5245



33.9900, 29.3427, 40.5994



20.9980, 22.2643, 17.6593



5.1813, 5.1080, 6.0434



11.8838, 5.8637, 12.4246



0.0848, 0.0413, 0.1133

Previews

White Background



This preview shows how the XYZ color 18.8047, 21.0226, 26.7336 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 18.8047, 21.0226, 26.7336 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

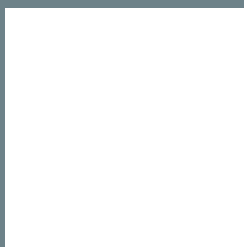
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8047, 21.0226, 26.7336

Background



This preview shows how black text looks on a background with the XYZ color 18.8047, 21.0226, 26.7336.



This preview shows how white text looks on a background with the XYZ color 18.8047, 21.0226,

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

18.8047, 21.0226, 26.7336

Protanopia

20.2409, 20.8241, 25.5069

Deuteranopia

21.3433, 20.9874, 26.9708



Tritanopia

19.1467, 21.1737, 27.8887

Trichromacy



Original Color

18.8047, 21.0226, 26.7336

Protanomaly

19.7083, 20.9211, 25.9211

Deuteranomaly

20.3605, 21.0418, 27.0331

Tritanomaly

19.0732, 21.1443, 27.5021

Monochromacy



Original Color

18.8047, 21.0226, 26.7336

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1596, 20.6857, 23.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8047, 21.0226, 26.7336 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(109, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 137)  
}
```

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(109, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.8047, 21.0226, 26.7336 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(109, 130, 137) }
```


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

```
.border{ border-color:rgb(109, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(109, 130,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8047, 21.0226, 26.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 137) }
```

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

```
.background{ background-color: rgb(109,  
130, 137) }
```

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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