

Converting Colors

XYZ(18.1812, 24.2384, 20.9481)

Have a look what the booklet for
XYZ(18.1812, 24.2384, 20.9481)
contains.

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Color

**XYZ(18.1650, 24.2455,
20.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9276
RGB	94, 146, 118
RGB Percent	37%, 57%, 46%
CMY	0.6314, 0.4274, 0.5372
CMYK	0.36, 0.00, 0.19, 0.43
HSL	148°, 22%, 47%
HSV	148°, 36%, 57%
XYZ	18.1650, 24.2455, 20.8620
YIQ	127.2600, -22.0040, -19.7320

Conversions

Conversions Part 2

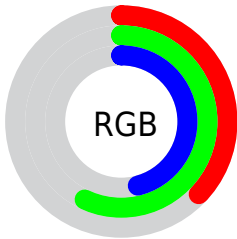
Format	Color
R_{YB}	94, 130, 146
Decimal	6197878
CIE _{Lab}	56.33, -23.77, 9.41
CIE _{LCh}	56, 25.568, 158.401
Yxy	24.2455, 0.2871, 0.3832
Android (android.graphics.Color)	4284387958 (0xFF5E9276)
YUV	127.2600, -4.5652, -29.1690
Hunter-Lab	49.2397, -20.3192, 9.3477

Details

The XYZ color **18.1650, 24.2455, 20.8620** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3704, 15.5221, 20.3884**, and the grayscale version is **20.2834, 21.3397, 23.2389**.

A 20% lighter version of the original color is **39.7640, 50.3218, 45.6475**, and **6.2364, 9.1621, 7.2341** is the 20% darker color. If you saturate the color by 10%, you get **16.3593, 23.3671, 18.4397**, and if you desaturate by 10%, it is **20.2942, 25.2875, 23.5038**.

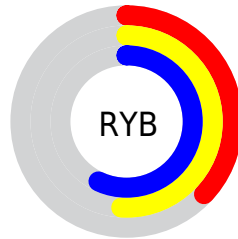
Distribution



Red (37%)

Green (57%)

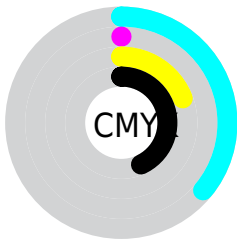
Blue (46%)



Red (37%)

Yellow (51%)

Blue (57%)

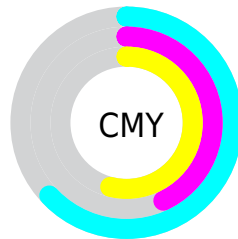


Cyan (36%)

Magenta (0%)

Yellow (19%)

Black (43%)



Cyan (63%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1650, 24.2455, 20.8620 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 18.1650, 24.2455, 20.8620 by changing the saturation by 10% instead.

■ 18.1650, 24.2455,
20.8620

■ 18.1650, 24.2455,
20.8620

234.8271,
274.0593, 269.3011

■ 11.1689, 15.5158,
12.8329

■ 39.8462, 50.4305,
45.7356

■ 6.2487, 9.1822,
7.1842

■ 55.2620, 68.6547,
63.4171

■ 3.0390, 4.8602,
3.4974

■ 74.2150, 90.8124,
85.1532

■ 1.1744, 2.1655,
1.3539

■ 97.0707, 117.2882,
111.3624

■ 0.0860, 0.7011,
0.1053

124.1944,
148.4664, 142.4633

■ 0.0000, 0.0000,
0.0000

155.9515,

184.7314, 178.8743

192.7072,
226.4675, 221.0141

■ 18.1650, 24.2455,
20.8620

■ 18.1650, 24.2455,
20.8620

■ 16.3593, 23.3671,
18.4397

■ 20.2942, 25.2875,
23.5038

■ 14.8582, 22.6406,
16.2296

■ 22.7606, 26.4981,
26.3689

■ 13.6437, 22.0576,
14.2261

■ 25.5794, 27.8857,
29.4632

■ 12.6951, 21.6075,
12.4231

■ 28.7644, 29.4573,
32.7918

■ 11.9887, 21.2782,
10.8137

■ 32.3287, 31.2195,
36.3597

■ 11.4913, 21.0528,
9.3906

■ 36.2844, 33.1784,
40.1715

■ 11.3040, 20.9686,
8.8223

■ 40.6434, 35.3402,
44.2320

■ 45.4170, 37.7106,
48.5456

■ 50.6159, 40.2949,
53.1168

Harmonies

Analogous

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



19.6993, 24.2455, 15.6096



18.1650, 24.2455, 20.8620



17.8787, 24.2455, 28.8431

Triad

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



18.1650, 24.2455, 20.8620



23.8829, 24.2455, 45.9398



27.7793, 24.2455, 17.5434

Complementary

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



18.1650, 24.2455, 20.8620



19.3704, 15.5221, 20.3884

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.



29.1205, 24.2455, 24.0974



18.1650, 24.2455, 20.8620



26.7487, 24.2455, 41.2777

Square

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



18.1650, 24.2455, 20.8620



21.0200, 24.2455, 44.5565



28.7281, 24.2455, 32.8386



25.1952, 24.2455, 13.9974

Rectangle

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



18.1650, 24.2455, 20.8620



18.4087, 24.2455, 34.8996



28.7281, 24.2455, 32.8386



28.4001, 24.2455, 19.4050

Sweetspot

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



18.1657, 24.2465, 20.8625



42.2575, 47.7800, 48.8640



20.4114, 25.5486, 14.4455



9.2718, 10.5658, 10.7280



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.



18.1657, 24.2465, 20.8625



29.3754, 41.4714, 33.2476



19.8841, 24.9339, 29.9117



5.8343, 6.5103, 6.7382



9.9582, 18.4561, 7.8214



0.1365, 0.2317, 0.1727

Inverse Universe

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



19.3704, 15.5221, 20.3884



31.8345, 23.6554, 32.2734



17.9965, 14.9725, 13.1535



5.9235, 5.8645, 6.7034



11.6727, 5.8741, 7.0234



0.1578, 0.0779, 0.1644

Previews

White Background



This preview shows how the XYZ color 18.1650, 24.2455, 20.8620 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 18.1650, 24.2455, 20.8620 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 18.1650, 24.2455, 20.8620

Background



This preview shows how black text looks on a background with the XYZ color 18.1650, 24.2455, 20.8620.



This preview shows how white text looks on a background with the XYZ color 18.1650, 24.2455,

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

18.1650, 24.2455, 20.8620

Protanopia

22.6051, 23.9708, 18.7647

Deuteranopia

24.3827, 24.0211, 21.4406



Tritanopia

20.7541, 24.1744, 33.7093

Trichromacy



Original Color

18.1650, 24.2455, 20.8620

Protanomaly

20.5832, 23.7518, 19.4193

Deuteranomaly

21.5544, 23.7897, 21.2251

Tritanomaly

19.7017, 24.1910, 28.4419

Monochromacy



Original Color

18.1650, 24.2455, 20.8620

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2334, 22.1503, 22.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1650, 24.2455, 20.8620 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(94, 146, 118)` looks like.

```
.text, #text, p{  
    color:rgb(94, 146, 118)  
}
```

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(94, 146, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 146, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.1650, 24.2455, 20.8620 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(94, 146, 118) }
```


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

```
.border{ border-color:rgb(94, 146, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 146, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 146,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1650, 24.2455, 20.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 146, 118) }
```

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

```
.background{ background-color: rgb(94, 146,  
118) }
```

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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