

Converting Colors

XYZ(18.1046, 24.2996, 20.7790)

Have a look what the booklet for
XYZ(18.1046, 24.2996, 20.7790)
contains.

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Color

**XYZ(18.0631, 24.1929,
20.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9276
RGB	93, 146, 118
RGB Percent	36%, 57%, 46%
CMY	0.6353, 0.4274, 0.5373
CMYK	0.36, 0.00, 0.19, 0.43
HSL	148°, 22%, 47%
HSV	148°, 36%, 57%
XYZ	18.0631, 24.1929, 20.8572
YIQ	126.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

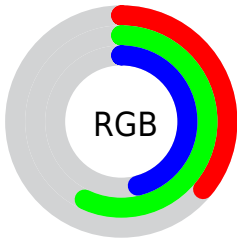
Format	Color
R_{YB}	93, 129, 146
Decimal	6132342
CIE _{Lab}	56.28, -24.09, 9.33
CIE _{LCh}	56, 25.831, 158.825
Yxy	24.1929, 0.2862, 0.3833
Android (android.graphics.Color)	4284322422 (0xFF5D9276)
YUV	126.9610, -4.4178, -29.7838
Hunter-Lab	49.1863, -20.5239, 9.2888

Details

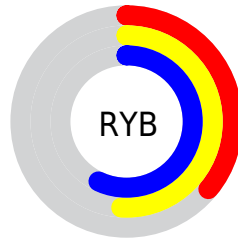
The XYZ color **18.0631, 24.1929, 20.8572** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2204, 15.3208, 20.0343**, and the grayscale version is **20.1802, 21.2311, 23.1207**.

A 20% lighter version of the original color is **39.5870, 50.2306, 45.6392**, and **6.1940, 9.1402, 7.2321** is the 20% darker color. If you saturate the color by 10%, you get **16.2843, 23.3274, 18.4784**, and if you desaturate by 10%, it is **20.1628, 25.2209, 23.4477**.

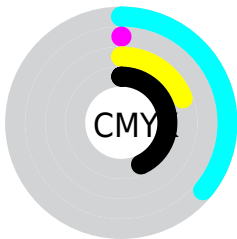
Distribution



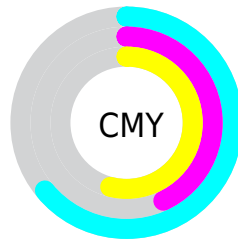
- Red (36%)
- Green (57%)
- Blue (46%)



- Red (36%)
- Yellow (51%)
- Blue (57%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0631, 24.1929, 20.8572 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 18.0631, 24.1929, 20.8572 by changing the saturation by 10% instead.

■ 18.0631, 24.1929,
20.8572

■ 18.0631, 24.1929,
20.8572

234.2652,
273.7943, 269.2747

■ 11.0953, 15.4768,
12.8294

■ 39.6741, 50.3448,
45.7275

■ 6.1987, 9.1547,
7.1819

■ 55.0479, 68.5494,
63.4070

■ 3.0081, 4.8422,
3.4959

■ 73.9544, 90.6855,
85.1409

■ 1.1580, 2.1550,
1.3531

■ 96.7590, 117.1377,
111.3478

■ 0.0728, 0.6953,
0.1047

123.8270,
148.2903, 142.4460

■ 0.0000, 0.0000,
0.0000

155.5238,

184.5276, 178.8542

192.2148,
226.2342, 220.9909

■ 18.0631, 24.1929,
20.8572

■ 18.0631, 24.1929,
20.8572

■ 16.2843, 23.3274,
18.4784

■ 20.1628, 25.2209,
23.4477

■ 14.8076, 22.6127,
16.3044

■ 22.5973, 26.4163,
26.2537

■ 13.6149, 22.0403,
14.3299

■ 25.3818, 27.7876,
29.2805

■ 12.6853, 21.5995,
12.5488

■ 28.5300, 29.3418,
32.5332

■ 11.9949, 21.2782,
10.9550

■ 32.0549, 31.0856,
36.0165

■ 11.5075, 21.0577,
9.5411

■ 35.9689, 33.0251,
39.7347

■ 11.3494, 20.9866,
9.0612

■ 40.2837, 35.1663,
43.6925

■ 45.0105, 37.5150,
47.8941

■ 50.1602, 40.0766,
52.3437

Harmonies

Analogous

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



19.5920, 24.1929, 15.5307



18.0631, 24.1929, 20.8572



17.7933, 24.1929, 28.9357

Triad

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



18.0631, 24.1929, 20.8572



23.8833, 24.1929, 46.0694



27.7444, 24.1929, 17.3494

Complementary

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



18.0631, 24.1929, 20.8572



19.2204, 15.3208, 20.0343

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.



29.1220, 24.1929, 23.9080



18.0631, 24.1929, 20.8572



26.7700, 24.1929, 41.2745

Square

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



18.0631, 24.1929, 20.8572



20.9899, 24.1929, 44.7582



28.7508, 24.1929, 32.7127



25.1230, 24.1929, 13.8299

Rectangle

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



18.0631, 24.1929, 20.8572



18.3390, 24.1929, 35.0548



28.7508, 24.1929, 32.7127



28.3781, 24.1929, 19.2075

Sweetspot

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



18.0638, 24.1939, 20.8577



42.2786, 47.7885, 48.9752



20.1781, 25.4334, 14.2019



9.2770, 10.5679, 10.7551



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.



18.0638, 24.1939, 20.8577



29.1362, 41.3496, 33.1669



19.8458, 24.9067, 30.2417



5.8366, 6.5112, 6.7507



9.9982, 18.4721, 8.0320



0.1371, 0.2320, 0.1757

Inverse Universe

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



19.2204, 15.3208, 20.0343



31.5000, 23.2082, 31.4786



17.8241, 14.7622, 12.6813



5.9211, 5.8635, 6.6908



11.6260, 5.8554, 6.7773



0.1572, 0.0776, 0.1614

Previews

White Background



This preview shows how the XYZ color 18.0631, 24.1929, 20.8572 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 18.0631, 24.1929, 20.8572 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 18.0631, 24.1929, 20.8572

Background



This preview shows how black text looks on a background with the XYZ color 18.0631, 24.1929, 20.8572.



This preview shows how white text looks on a background with the XYZ color 18.0631, 24.1929,

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

18.0631, 24.1929, 20.8572

Protanopia

22.6051, 23.9708, 18.7647

Deuteranopia

24.3827, 24.0211, 21.4406



Tritanopia

20.6415, 24.1164, 33.7040

Trichromacy



Original Color

18.0631, 24.1929, 20.8572

Protanomaly

20.4379, 23.6769, 19.4125

Deuteranomaly

21.5544, 23.7897, 21.2251

Tritanomaly

19.5931, 24.1350, 28.4368

Monochromacy



Original Color

18.0631, 24.1929, 20.8572

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 18.0631, 24.1929, 20.8572 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, 146, 118)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 146, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.0631, 24.1929, 20.8572 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, 146, 118) }
```


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

```
.border{ border-color:rgb(93, 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(93, 146, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0631, 24.1929, 20.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 118) }
```

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

```
.background{ background-color: rgb(93, 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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