

Converting Colors

XYZ(18.0027, 24.2631, 5.9726)

Have a look what the booklet for
XYZ(18.0027, 24.2631, 5.9726)
contains.

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Color

**XYZ(18.0327, 24.2768,
6.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	76912B
RGB	118, 145, 43
RGB Percent	46%, 57%, 17%
CMY	0.5373, 0.4314, 0.8314
CMYK	0.19, 0.00, 0.70, 0.43
HSL	76°, 54%, 37%
HSV	76°, 70%, 57%
XYZ	18.0327, 24.2768, 6.0210
YIQ	125.2990, 16.6500, -37.4460

Conversions

Conversions Part 2

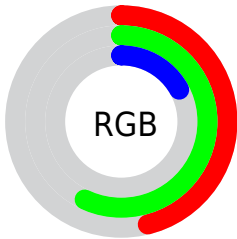
Format	Color
RYB	43, 145, 70
Decimal	7770411
CIELab	56.36, -24.61, 48.57
CIElCh	56, 54.447, 116.869
Yxy	24.2768, 0.3731, 0.5023
Android (android.graphics.Color)	4285960491 (0xFF76912B)
YUV	125.2990, -40.5734, -6.4012
Hunter-Lab	49.2715, -20.8965, 27.2448

Details

The XYZ color **18.0327, 24.2768, 6.0210** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.5015, 5.0748, 27.3210**, and the grayscale version is **19.7232, 20.7503, 22.5971**.

A 20% lighter version of the original color is **39.7226, 50.5573, 18.4914**, and **6.2495, 9.1637, 1.4394** is the 20% darker color. If you saturate the color by 10%, you get **17.3020, 23.9264, 4.8368**, and if you desaturate by 10%, it is **18.8803, 24.6782, 7.7054**.

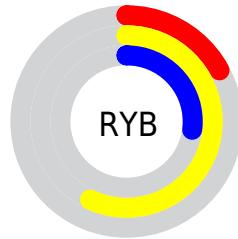
Distribution



Red (46%)

Green (57%)

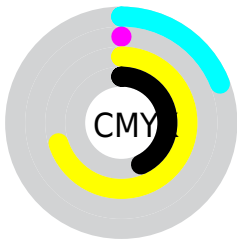
Blue (17%)



Red (17%)

Yellow (57%)

Blue (27%)

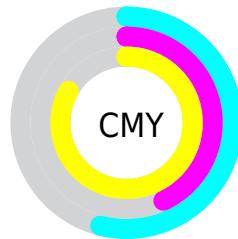


Cyan (19%)

Magenta (0%)

Yellow (70%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0327, 24.2768, 6.0210 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 18.0327, 24.2768, 6.0210 by changing the saturation by 10% instead.

■ 18.0327, 24.2768,
6.0210

■ 18.0327, 24.2768,
6.0210

234.0973,
274.2169, 168.5710

■ 11.0733, 15.5391,
2.7889

■ 39.6227, 50.4815,
18.4529

■ 6.1838, 9.1986,
0.9879

■ 54.9840, 68.7173,
28.4897

■ 2.9989, 4.8709,
0.0000

■ 73.8766, 90.8879,
41.6318

■ 1.1532, 2.1717,
0.0000

■ 96.6659, 117.3777,
58.2978

■ 0.0689, 0.7045,
0.0000

■ 123.7173,
148.5711, 78.9062

■ 0.0000, 0.0000,
0.0000

■ 155.3961,

184.8525, 103.8755

192.0676,
226.6063, 133.6243

■ 18.0327, 24.2768,
6.0210

■ 18.0327, 24.2768,
6.0210

■ 17.3020, 23.9264,
4.8368

■ 18.8803, 24.6782,
7.7054

■ 16.6758, 23.6193,
4.0957

■ 19.8525, 25.1310,
9.9361

■ 16.1432, 23.3539,
3.6569

■ 20.9580, 25.6396,
12.7555

■ 22.2042, 26.2071,
16.2015

■ 23.5980, 26.8362,
20.3088

■ 25.1457, 27.5294,
25.1096

■ 26.8533, 28.2891,
30.6339

■ 28.7263, 29.1177,
36.9102

■ 30.7700, 30.0173,
43.9651

Harmonies

Analogous

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



23.7407, 24.2768, 4.7487



18.0327, 24.2768, 6.0210



14.3625, 24.2768, 11.6718

Triad

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



18.0327, 24.2768, 6.0210



17.0801, 24.2768, 67.2943



37.3650, 24.2768, 28.3688

Complementary

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



18.0327, 24.2768, 6.0210



8.5015, 5.0748, 27.3210

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.



34.7447, 24.2768, 50.2175



18.0327, 24.2768, 6.0210



22.4207, 24.2768, 78.2320

Square

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



18.0327, 24.2768, 6.0210



13.8867, 24.2768, 45.3613



28.9777, 24.2768, 70.8802



35.6189, 24.2768, 13.6749

Rectangle

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



18.0327, 24.2768, 6.0210



13.1939, 24.2768, 19.3252



28.9777, 24.2768, 70.8802



36.9557, 24.2768, 35.1002

Sweetspot

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



18.0333, 24.2779, 6.0215



41.9719, 47.9282, 35.5033



14.2115, 10.3900, 3.5423



9.1981, 10.5995, 7.4825



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.



18.0333, 24.2779, 6.0215



30.3553, 42.5397, 7.8523



12.9812, 21.6735, 5.7851



5.7022, 6.2146, 5.7884



13.8710, 20.0434, 3.1377



0.1534, 0.2024, 0.0310

Inverse Universe

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



8.5015, 5.0748, 27.3210



12.3060, 5.9831, 48.4798



13.6522, 7.7301, 27.5620



5.2552, 5.3197, 6.7786



5.1036, 2.1246, 23.1182



0.0673, 0.0298, 0.2219

Previews

White Background



This preview shows how the XYZ color 18.0327, 24.2768, 6.0210 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 18.0327, 24.2768, 6.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

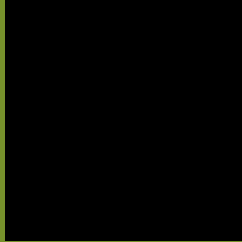
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0327, 24.2768, 6.0210

Background



This preview shows how black text looks on a background with the XYZ color 18.0327, 24.2768, 6.0210.



This preview shows how white text looks on a background with the XYZ color 18.0327, 24.2768,

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

18.0327, 24.2768, 6.0210

Protanopia

21.8095, 24.0605, 5.5021

Deuteranopia

24.4220, 23.9849, 6.2481



Tritanopia

22.9055, 24.0704, 30.6329

Trichromacy



Original Color

18.0327, 24.2768, 6.0210

Protanomaly

20.2803, 24.1143, 5.6835

Deuteranomaly

21.6159, 23.7395, 6.1322

Tritanomaly

20.4504, 23.9293, 18.0090

Monochromacy



Original Color

18.0327, 24.2768, 6.0210

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3429, 21.4663, 14.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0327, 24.2768, 6.0210 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(118, 145, 43)` looks like.

```
.text, #text, p{  
    color:rgb(118, 145, 43)  
}
```

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(118, 145, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 145, 43) }
```

Border

The CSS property to change the border of an element to XYZ 18.0327, 24.2768, 6.0210 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(118, 145, 43) }
```


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

```
.border{ border-color:rgb(118, 145, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 145, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 145, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 145, 43);  
box-shadow:4px 4px 4px 4px rgb(118, 145,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0327, 24.2768, 6.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 145, 43) }
```

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

```
.background{ background-color: rgb(118,  
145, 43) }
```

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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