

Converting Colors

XYZ(17.7528, 24.0312, 6.0222)

Have a look what the booklet for
XYZ(17.7528, 24.0312, 6.0222)
contains.

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Color

**XYZ(17.7639, 24.1382,
6.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	74912B
RGB	116, 145, 43
RGB Percent	45%, 57%, 17%
CMY	0.5451, 0.4314, 0.8314
CMYK	0.20, 0.00, 0.70, 0.43
HSL	77°, 54%, 37%
HSV	77°, 70%, 57%
XYZ	17.7639, 24.1382, 6.0084
YIQ	124.7010, 15.4580, -37.8700

Conversions

Conversions Part 2

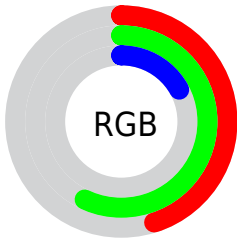
Format	Color
RYB	43, 145, 72
Decimal	7639339
CIELab	56.23, -25.45, 48.38
CIELCh	56, 54.668, 117.742
Yxy	24.1382, 0.3708, 0.5038
Android (android.graphics.Color)	4285829419 (0xFF74912B)
YUV	124.7010, -40.2786, -7.6308
Hunter-Lab	49.1306, -21.4393, 27.1406

Details

The XYZ color **17.7639, 24.1382, 6.0084** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.6481, 5.1505, 27.3278**, and the grayscale version is **19.5205, 20.5370, 22.3648**.

A 20% lighter version of the original color is **39.2836, 50.3310, 18.4709**, and **6.1171, 9.0954, 1.4332** is the 20% darker color. If you saturate the color by 10%, you get **17.0080, 23.7748, 4.8230**, and if you desaturate by 10%, it is **18.6399, 24.5542, 7.6942**.

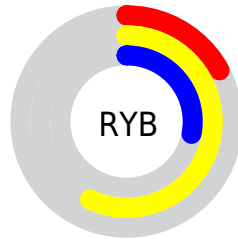
Distribution



Red (45%)

Green (57%)

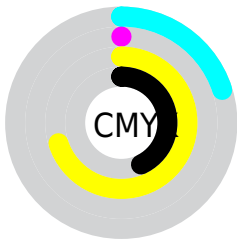
Blue (17%)



Red (17%)

Yellow (57%)

Blue (28%)

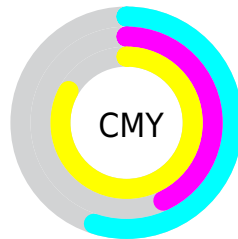


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (43%)



Cyan (55%)

Magenta (43%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7639, 24.1382, 6.0084 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 17.7639, 24.1382, 6.0084 by changing the saturation by 10% instead.

■ 17.7639, 24.1382,
6.0084

■ 17.7639, 24.1382,
6.0084

232.6083,
273.5184, 168.4548

■ 10.8793, 15.4362,
2.7813

■ 39.1678, 50.2556,
18.4263

■ 6.0524, 9.1261,
0.9841

■ 54.4179, 68.4398,
28.4542

■ 2.9179, 4.8235,
0.0000

■ 73.1871, 90.5535,
41.5861

■ 1.1105, 2.1441,
0.0000

■ 95.8408, 116.9811,
58.2406

■ 0.0339, 0.6892,
0.0000

■ 122.7445,
148.1070, 78.8361

■ 0.0000, 0.0000,
0.0000

■ 154.2634,

184.3156, 103.7913

190.7628,
225.9913, 133.5247

■ 17.7639, 24.1382,
6.0084

■ 17.7639, 24.1382,
6.0084

■ 17.0080, 23.7748,
4.8230

■ 18.6399, 24.5542,
7.6942

■ 16.3596, 23.4563,
4.0808

■ 19.6436, 25.0232,
9.9263

■ 15.8084, 23.1813,
3.6412

■ 20.7838, 25.5498,
12.7473

■ 22.0681, 26.1369,
16.1950

■ 23.5032, 26.7873,
20.3043

■ 25.0957, 27.5036,
25.1071

■ 26.8515, 28.2882,
30.6337

■ 28.7762, 29.1434,
36.9124

■ 30.8752, 30.0715,
43.9698

Harmonies

Analogous

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



23.4221, 24.1382, 4.6487



17.7639, 24.1382, 6.0084



14.1644, 24.1382, 11.7983

Triad

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



17.7639, 24.1382, 6.0084



17.0775, 24.1382, 67.7661



37.2627, 24.1382, 27.6700

Complementary

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



17.7639, 24.1382, 6.0084



8.6481, 5.1505, 27.3278

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.



34.7564, 24.1382, 49.4243



17.7639, 24.1382, 6.0084



22.4697, 24.1382, 78.2610

Square

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



17.7639, 24.1382, 6.0084



13.8219, 24.1382, 45.9121



29.0411, 24.1382, 70.3631



35.3884, 24.1382, 13.2381

Rectangle

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



17.7639, 24.1382, 6.0084



13.0426, 24.1382, 19.5969



29.0411, 24.1382, 70.3631



36.8961, 24.1382, 34.3379

Sweetspot

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



17.7645, 24.1393, 6.0089



41.7938, 47.8364, 35.4949



14.4249, 10.8168, 3.6134



9.1544, 10.5770, 7.4804



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.



17.7645, 24.1393, 6.0089



29.8067, 42.2568, 7.8266



12.7489, 21.5536, 5.7742



5.6922, 6.2094, 5.7879



13.5849, 19.8959, 3.1243



0.1516, 0.2014, 0.0309

Inverse Universe

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



8.6481, 5.1505, 27.3278



12.5442, 6.1059, 48.4910



14.1297, 7.9763, 27.5843



5.2647, 5.3246, 6.7790



5.1990, 2.1738, 23.1226



0.0691, 0.0308, 0.2220

Previews

White Background



This preview shows how the XYZ color 17.7639, 24.1382, 6.0084 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 17.7639, 24.1382, 6.0084 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 17.7639, 24.1382, 6.0084

Background



This preview shows how black text looks on a background with the XYZ color 17.7639, 24.1382, 6.0084.



This preview shows how white text looks on a background with the XYZ color 17.7639, 24.1382,

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

17.7639, 24.1382, 6.0084

Protanopia

21.8095, 24.0605, 5.5021

Deuteranopia

24.4220, 23.9849, 6.2481



Tritanopia

22.6047, 23.9153, 30.6188

Trichromacy



Original Color

17.7639, 24.1382, 6.0084

Protanomaly

20.1141, 24.0286, 5.6757

Deuteranomaly

21.4326, 23.6450, 6.1236

Tritanomaly

20.1613, 23.7803, 17.9954

Monochromacy



Original Color

17.7639, 24.1382, 6.0084

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 17.7639, 24.1382, 6.0084 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(116, 145, 43)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 145, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 43) }
```

Border

The CSS property to change the border of an element to XYZ 17.7639, 24.1382, 6.0084 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(116, 145, 43) }
```


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

```
.border{ border-color:rgb(116, 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(116, 145, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 43);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7639, 24.1382, 6.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 43) }
```

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

```
.background{ background-color: rgb(116,  
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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