

Converting Colors

XYZ(15.2161, 24.5008, 4.4908)

Have a look what the booklet for
XYZ(15.2161, 24.5008, 4.4908)
contains.

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Color

**XYZ(15.1752, 24.4786,
4.4973)**

Conversions

Conversions Part 1

Format	Color
Hex	569812
RGB	86, 152, 18
RGB Percent	34%, 60%, 7%
CMY	0.6627, 0.4039, 0.9294
CMYK	0.43, 0.00, 0.88, 0.40
HSL	90°, 79%, 33%
HSV	90°, 88%, 60%
XYZ	15.1752, 24.4786, 4.4973
YIQ	116.9900, 3.6780, -55.6660

Conversions

Conversions Part 2

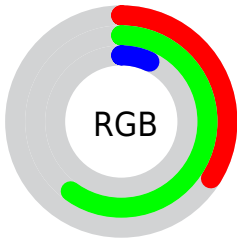
Format	Color
RYB	18, 152, 84
Decimal	5675026
CIELab	56.56, -41.53, 55.98
CIELCh	57, 69.697, 126.570
Yxy	24.4786, 0.3437, 0.5544
Android (android.graphics.Color)	4283865106 (0xFF569812)
YUV	116.9900, -48.8021, -27.1782
Hunter-Lab	49.4759, -31.8333, 29.2437

Details

The XYZ color **15.1752, 24.4786, 4.4973** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.5414, 4.5854, 30.0893**, and the grayscale version is **17.0520, 17.9400, 19.5367**.

A 20% lighter version of the original color is **34.8433, 50.9265, 15.2011**, and **4.9832, 9.3340, 1.5390** is the 20% darker color. If you saturate the color by 10%, you get **14.4282, 24.1051, 3.9729**, and if you desaturate by 10%, it is **16.0699, 24.9212, 5.4175**.

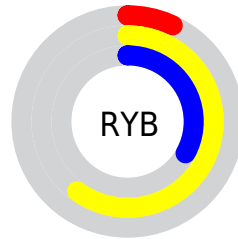
Distribution



Red (34%)

Green (60%)

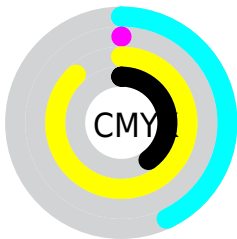
Blue (7%)



Red (7%)

Yellow (60%)

Blue (33%)

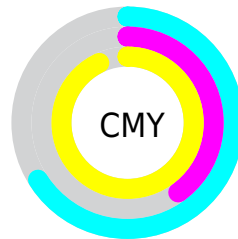


Cyan (43%)

Magenta (0%)

Yellow (88%)

Black (40%)



Cyan (66%)


Magenta (40%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1752, 24.4786, 4.4973 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 15.1752, 24.4786, 4.4973 by changing the saturation by 10% instead.


 15.1752, 24.4786,
4.4973


 15.1752, 24.4786,
4.4973


217.7916,
275.2313, 153.6021


 9.0296, 15.6890,
1.9019


 34.7294, 50.8101,
15.1413


 4.8177, 9.3044,
0.4940


 48.8686, 69.1208,
24.0271


 2.1744, 4.9402,
0.0000

 66.4031, 91.3740,
35.8468

 0.7292, 2.2122,
0.0000

 87.6982, 117.9541,
51.0188

 0.0000, 0.7267,
0.0000

 113.1192,
149.2455, 69.9619

 0.0000, 0.0000,
0.0000

 143.0316,

185.6325, 93.0944

177.8006,
227.4997, 120.8350

15.1752, 24.4786,
4.4973

15.1752, 24.4786,
4.4973

14.4282, 24.1051,
3.9729

16.0699, 24.9212,
5.4175

14.2998, 24.0407,
3.8866

17.1348, 25.4396,
6.8480

18.3838, 26.0405,
8.8498

19.8289, 26.7288,
11.4750

21.4806, 27.5091,
14.7697

■ 23.3488, 28.3854,
18.7758

■ 25.4424, 29.3616,
23.5317

■ 27.7699, 30.4413,
29.0730

■ 30.3393, 31.6277,
35.4331

Harmonies

Analogous

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



21.5316, 24.4786, 2.3737



15.1752, 24.4786, 4.4973



11.7141, 24.4786, 12.5748

Triad

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



15.1752, 24.4786, 4.4973



17.6135, 24.4786, 91.9753



42.3904, 24.4786, 21.8744

Complementary

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



15.1752, 24.4786, 4.4973



9.5414, 4.5854, 30.0893

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.



40.6540, 24.4786, 48.5781



15.1752, 24.4786, 4.4973



25.0915, 24.4786, 99.9123

Square

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



15.1752, 24.4786, 4.4973



12.8769, 24.4786, 62.9760



33.8178, 24.4786, 80.8207



38.1265, 24.4786, 7.9477

Rectangle

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



15.1752, 24.4786, 4.4973



10.9379, 24.4786, 24.0759



33.8178, 24.4786, 80.8207



42.5013, 24.4786, 29.4079

Sweetspot

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



15.1758, 24.4797, 4.4978



41.7918, 50.3723, 34.4293



16.1346, 12.8712, 2.2066



9.2469, 11.3312, 7.2684



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.1758, 24.4797, 4.4978



25.0339, 42.3263, 6.8504



11.6314, 22.6525, 4.3320



6.4159, 7.0719, 6.6327



12.0253, 20.1752, 3.2604



0.2217, 0.3232, 0.0507

Inverse Universe

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



9.5414, 4.5854, 30.0893



14.9035, 6.5274, 52.9081



18.4196, 9.1622, 30.5048



6.1597, 6.1682, 7.7949



7.2123, 3.1691, 25.1393



0.1497, 0.0689, 0.3778

Previews

White Background



This preview shows how the XYZ color 15.1752, 24.4786, 4.4973 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 15.1752, 24.4786, 4.4973 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 15.1752, 24.4786, 4.4973

Background



This preview shows how black text looks on a background with the XYZ color 15.1752, 24.4786, 4.4973.



This preview shows how white text looks on a background with the XYZ color 15.1752, 24.4786,

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

15.1752, 24.4786, 4.4973

Protanopia

21.6792, 24.0299, 3.8434

Deuteranopia

24.6001, 24.1057, 4.9464



Tritanopia

20.9836, 24.2927, 33.7200

Trichromacy



Original Color

15.1752, 24.4786, 4.4973

Protanomaly

18.5062, 23.6707, 4.0090

Deuteranomaly

19.8149, 23.4690, 4.6480

Tritanomaly

17.5539, 23.7917, 16.7638

Monochromacy



Original Color

15.1752, 24.4786, 4.4973

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.4117, 19.6235, 10.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1752, 24.4786, 4.4973 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(86, 152, 18)` looks like.

```
.text, #text, p{  
    color:rgb(86, 152, 18)  
}
```

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(86, 152, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 152, 18) }
```

Border

The CSS property to change the border of an element to XYZ 15.1752, 24.4786, 4.4973 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(86, 152, 18) }
```


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

```
.border{ border-color:rgb(86, 152, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 152, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 152, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 152, 18);  
box-shadow:4px 4px 4px 4px rgb(86, 152,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1752, 24.4786, 4.4973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 152, 18) }
```

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

```
.background{ background-color: rgb(86, 152,  
18) }
```

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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