

Converting Colors

XYZ(14.8020, 26.4561, 8.6423)

Have a look what the booklet for
XYZ(14.8020, 26.4561, 8.6423)
contains.

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Color

**XYZ(14.7794, 26.4444,
8.6003)**

Conversions

Conversions Part 1

Format	Color
Hex	30A13C
RGB	48, 161, 60
RGB Percent	19%, 63%, 24%
CMY	0.8118, 0.3686, 0.7647
CMYK	0.70, 0.00, 0.63, 0.37
HSL	126°, 54%, 41%
HSV	126°, 70%, 63%
XYZ	14.7794, 26.4444, 8.6003
YIQ	115.6990, -34.9270, -55.3670

Conversions

Conversions Part 2

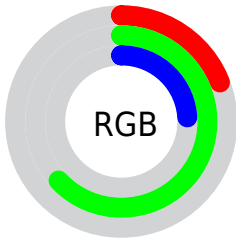
Format	Color
RYB	48, 150, 161
Decimal	3187004
CIELab	58.46, -52.06, 42.56
CIELCh	58, 67.246, 140.734
Yxy	26.4444, 0.2966, 0.5308
Android (android.graphics.Color)	4281377084 (0xFF30A13C)
YUV	115.6990, -27.4596, -59.3720
Hunter-Lab	51.4241, -38.6909, 26.0811

Details

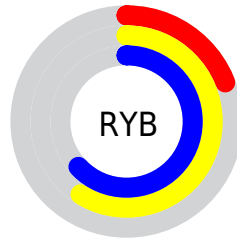
The XYZ color **14.7794, 26.4444, 8.6003** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **21.1804, 11.8612, 29.6069**, and the grayscale version is **16.5978, 17.4622, 19.0164**.

A 20% lighter version of the original color is **34.1125, 54.0884, 23.6811**, and **5.3790, 10.7317, 1.8741** is the 20% darker color. If you saturate the color by 10%, you get **13.8235, 25.9905, 6.8330**, and if you desaturate by 10%, it is **16.1156, 27.0839, 10.9266**.

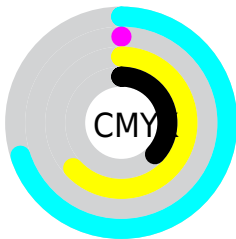
Distribution



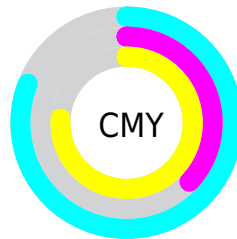
- Red (19%)
- Green (63%)
- Blue (24%)



- Red (19%)
- Yellow (59%)
- Blue (63%)



- Cyan (70%)
- Magenta (0%)
- Yellow (63%)
- Black (37%)





- Cyan (81%)
- Magenta (37%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7794, 26.4444, 8.6003 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 14.7794, 26.4444, 8.6003 by changing the saturation by 10% instead.


 14.7794, 26.4444,
8.6003


 14.7794, 26.4444,
8.6003


215.4420,
284.9568, 190.4745


 8.7500, 17.1564,
4.3882


 34.0406, 53.9910,
23.6924


 4.6343, 10.3461,
1.8406


 48.0030, 73.0184,
35.4095


 2.0669, 5.6290,
0.4545

 65.3406, 96.0610,
50.4654

 0.6711, 2.6208,
0.0000

 86.4186, 123.5033,
69.2785

 0.0000, 0.9371,
0.0000

 111.6024,
155.7297, 92.2674

 0.0000, 0.0000,
0.0000

 141.2573,

193.1244, 119.8507

175.7487,
236.0720, 152.4468

■ 14.7794, 26.4444,
8.6003

■ 14.7794, 26.4444,
8.6003

■ 13.8235, 25.9905,
6.8330

■ 16.1156, 27.0839,
10.9266

■ 13.2060, 25.6994,
5.5762

■ 17.8647, 27.9227,
13.8516

■ 12.8474, 25.5316,
4.7855

■ 20.0579, 28.9768,
17.4136

■ 22.7228, 30.2596,
21.6470

■ 25.8848, 31.7837,
26.5838

■ 29.5676, 33.5605,
32.2541

■ 33.7930, 35.6008,
38.6860

■ 38.5820, 37.9148,
45.9063

■ 43.9542, 40.5120,
53.9404

Harmonies

Analogous

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



19.9458, 26.4444, 3.8216



14.7794, 26.4444, 8.6003



12.5436, 26.4444, 22.1049

Triad

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



14.7794, 26.4444, 8.6003



22.6755, 26.4444, 100.5187



42.9956, 26.4444, 15.5612

Complementary

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



14.7794, 26.4444, 8.6003



21.1804, 11.8612, 29.6069

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.



44.1750, 26.4444, 36.7111



14.7794, 26.4444, 8.6003



31.1533, 26.4444, 95.2289

Square

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



14.7794, 26.4444, 8.6003



16.4023, 26.4444, 79.9541



39.4585, 26.4444, 67.9766



36.5192, 26.4444, 6.0481

Rectangle

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



14.7794, 26.4444, 8.6003



12.5879, 26.4444, 38.0700



39.4585, 26.4444, 67.9766



44.0727, 26.4444, 21.1613

Sweetspot

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



14.7800, 26.4455, 8.6009



45.6232, 56.5664, 46.4712



25.8020, 32.1601, 7.6439



9.6739, 12.2458, 9.6756



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.7800, 26.4455, 8.6009



24.0893, 46.2299, 10.9158



17.1052, 27.3756, 20.8451



7.0147, 7.9067, 7.6893



10.2684, 20.3937, 3.8637



0.2243, 0.4319, 0.1260

Inverse Universe

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



21.1804, 11.8612, 29.6069



36.2222, 18.4202, 50.6159



17.7402, 10.4852, 11.4916



7.3318, 7.1892, 8.7335



15.7621, 7.6609, 21.7358



0.3398, 0.1644, 0.5022

Previews

White Background



This preview shows how the XYZ color 14.7794, 26.4444, 8.6003 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 14.7794, 26.4444, 8.6003 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 14.7794, 26.4444, 8.6003

Background



This preview shows how black text looks on a background with the XYZ color 14.7794, 26.4444, 8.6003.



This preview shows how white text looks on a background with the XYZ color 14.7794, 26.4444,

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

14.7794, 26.4444, 8.6003

Protanopia

23.7542, 26.0904, 7.2740

Deuteranopia

26.4442, 25.9631, 9.0865



Tritanopia

20.8194, 26.3973, 38.6482

Trichromacy



Original Color

14.7794, 26.4444, 8.6003



Protanomaly

18.6398, 25.2472, 7.6322



Deuteranomaly

19.5290, 24.5386, 8.7082



Tritanomaly

17.8020, 26.1423, 23.8464

Monochromacy



Original Color

14.7794, 26.4444, 8.6003



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

14.6770, 19.5712, 14.0704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7794, 26.4444, 8.6003 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(48, 161, 60)` looks like.

```
.text, #text, p{  
    color:rgb(48, 161, 60)  
}
```

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(48, 161, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 161, 60) }
```

Border

The CSS property to change the border of an element to XYZ 14.7794, 26.4444, 8.6003 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(48, 161, 60) }
```


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

```
.border{ border-color:rgb(48, 161, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 161, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 161, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 161, 60);  
box-shadow:4px 4px 4px 4px rgb(48, 161,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7794, 26.4444, 8.6003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 161, 60) }
```

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

```
.background{ background-color: rgb(48, 161,  
60) }
```

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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