

Converting Colors

XYZ(14.6481, 17.1963, 12.2504)

Have a look what the booklet for
XYZ(14.6481, 17.1963, 12.2504)
contains.

XYZ(14.6266, 17.1200, 12.2064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6266, 17.1200,
12.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	6C775A
RGB	108, 119, 90
RGB Percent	42%, 47%, 35%
CMY	0.5765, 0.5333, 0.6471
CMYK	0.09, 0.00, 0.24, 0.53
HSL	83°, 14%, 41%
HSV	83°, 24%, 47%
XYZ	14.6266, 17.1200, 12.2064
YIQ	112.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

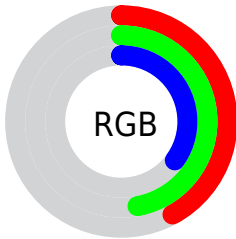
Format	Color
R _Y B	90, 119, 101
Decimal	7108442
CIE Lab	48.41, -9.69, 14.62
CIE LCh	48, 17.539, 123.548
Yxy	17.1200, 0.3328, 0.3895
Android (android.graphics.Color)	4285298522 (0xFF6C775A)
YUV	112.4050, -11.0457, -3.8632
Hunter-Lab	41.3763, -9.3085, 11.4723

Details

The XYZ color **14.6266, 17.1200, 12.2064** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3535, 11.4114, 19.0053**, and the grayscale version is **15.5515, 16.3614, 17.8175**.

A 20% lighter version of the original color is **33.7937, 38.4929, 30.4597**, and **4.5713, 5.6490, 3.2323** is the 20% darker color. If you saturate the color by 10%, you get **13.6253, 16.6582, 9.7239**, and if you desaturate by 10%, it is **15.7384, 17.6304, 15.1182**.

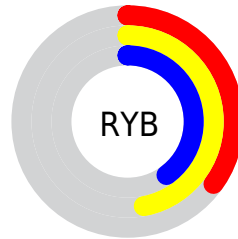
Distribution



Red (42%)

Green (47%)

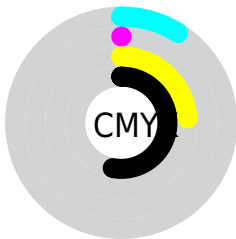
Blue (35%)



Red (35%)

Yellow (47%)

Blue (40%)

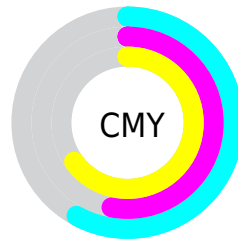


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6266, 17.1200, 12.2064 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 14.6266, 17.1200, 12.2064 by changing the saturation by 10% instead.

■ 14.6266, 17.1200,
12.2064

■ 14.6266, 17.1200,
12.2064

■ 214.5284,
235.8630, 216.7931

■ 8.6424, 10.3201,
6.7602

■ 33.7738, 38.5320,
30.5405

■ 4.5639, 5.6117,
3.2364

■ 47.6675, 53.9128,
44.2654

■ 2.0258, 2.6104,
1.2166

■ 64.9285, 72.9228,
61.5869

■ 0.6484, 0.9319,
0.0000

■ 85.9219, 95.9463,
82.9237

■ 0.0000, 0.0000,
0.0000

■ 111.0133,
123.3676, 108.6941

140.5679,

155.5712, 139.3168

174.9511,
192.9416, 175.2103

■ 14.6266, 17.1200,
12.2064

■ 14.6266, 17.1200,
12.2064

■ 13.6253, 16.6582,
9.7239

■ 15.7384, 17.6304,
15.1182

■ 12.7288, 16.2411,
7.6492

■ 16.9633, 18.1888,
18.4771

■ 11.9331, 15.8674,
5.9609

■ 18.3056, 18.7975,
22.3014

■ 11.2330, 15.5351,
4.6347

■ 19.7688, 19.4580,
26.6079

■ 10.6231, 15.2420,
3.6441

■ 21.3565, 20.1718,
31.4125

■ 10.0971, 14.9855,
2.9586

■ 23.0718, 20.9401,
36.7306

■ 9.6460, 14.7619,
2.5333

■ 24.9180, 21.7644,
42.5767

■ 9.4101, 14.6445,
2.3307

■ 26.8980, 22.6458,
48.9650

■ 29.0148, 23.5855,
55.9089

Harmonies

Analogous

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



16.0819, 17.1200, 11.1423



14.6266, 17.1200, 12.2064



13.6643, 17.1200, 14.9769

Triad

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



14.6266, 17.1200, 12.2064



14.9367, 17.1200, 27.7188



19.5481, 17.1200, 18.0995

Complementary

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



14.6266, 17.1200, 12.2064



12.3535, 11.4114, 19.0053

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.



19.1921, 17.1200, 22.8582



14.6266, 17.1200, 12.2064



16.4636, 17.1200, 28.9183

Square

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



14.6266, 17.1200, 12.2064



13.8348, 17.1200, 23.9600



18.0365, 17.1200, 27.0128



18.9799, 17.1200, 14.1735

Rectangle

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



14.6266, 17.1200, 12.2064



13.3961, 17.1200, 17.6659



18.0365, 17.1200, 27.0128



19.5327, 17.1200, 19.6509

Sweetspot

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



14.6270, 17.1207, 12.2068



29.7383, 32.2796, 31.3146



14.0720, 13.8970, 11.6138



7.0256, 7.6399, 7.3602



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6270, 17.1207, 12.2068



25.2051, 30.2021, 19.3791



13.0453, 16.3053, 12.1327



3.8384, 4.2002, 3.9507



9.9863, 15.5525, 2.4756



47.6895, 75.2866, 12.0183

Inverse Universe

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



12.3535, 11.4114, 19.0053



20.4215, 18.1870, 33.6872



14.0744, 12.2985, 19.0858



3.6198, 3.6513, 4.6042



4.6842, 2.0061, 18.6829



21.9392, 9.3186, 91.0026

Previews

White Background



This preview shows how the XYZ color 14.6266, 17.1200, 12.2064 looks on a white 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

Black Background



This preview shows how the XYZ color 14.6266, 17.1200, 12.2064 looks on a black 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

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

XYZ 14.6266, 17.1200, 12.2064

Background



This preview shows how black text looks on a background with the XYZ color 14.6266, 17.1200, 12.2064.



This preview shows how white text looks on a background with the XYZ color 14.6266, 17.1200,

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

14.6266, 17.1200, 12.2064

Protanopia

16.0606, 17.1770, 11.7015

Deuteranopia

17.3392, 16.9929, 12.4913



Tritanopia

16.5789, 17.2274, 21.5202

Trichromacy



Original Color

14.6266, 17.1200, 12.2064

Protanomaly

15.5198, 17.0636, 11.9268

Deuteranomaly

16.2509, 16.9256, 12.3080

Tritanomaly

15.7256, 17.0401, 17.7895

Monochromacy



Original Color

14.6266, 17.1200, 12.2064

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1850, 16.6405, 15.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6266, 17.1200, 12.2064 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(108, 119, 90)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 90)  
}
```

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(108, 119, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 90) }
```

Border

The CSS property to change the border of an element to XYZ 14.6266, 17.1200, 12.2064 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(108, 119, 90) }
```


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

```
.border{ border-color:rgb(108, 119, 90) }
```

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

Here you see how a box with a 4 pixel rgb(108, 119, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 90);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6266, 17.1200, 12.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 90) }
```

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

```
.background{ background-color: rgb(108,  
119, 90) }
```

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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