

Converting Colors

XYZ(17.4178, 21.4978, 11.5963)

Have a look what the booklet for
XYZ(17.4178, 21.4978, 11.5963)
contains.

XYZ(17.3278, 21.4033, 11.6055)	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(17.3278, 21.4033,
11.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	748654
RGB	116, 134, 84
RGB Percent	45%, 53%, 33%
CMY	0.5451, 0.4745, 0.6706
CMYK	0.13, 0.00, 0.37, 0.47
HSL	82°, 23%, 43%
HSV	82°, 37%, 53%
XYZ	17.3278, 21.4033, 11.6055
YIQ	122.9180, 5.3220, -19.3660

Conversions

Conversions Part 2

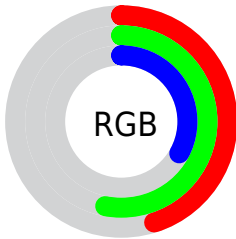
Format	Color
RYB	84, 134, 102
Decimal	7636564
CIELab	53.39, -15.57, 24.81
CIELCh	53, 29.291, 122.121
Yxy	21.4033, 0.3442, 0.4252
Android (android.graphics.Color)	4285826644 (0xFF748654)
YUV	122.9180, -19.1866, -6.0671
Hunter-Lab	46.2637, -14.1053, 17.5114

Details

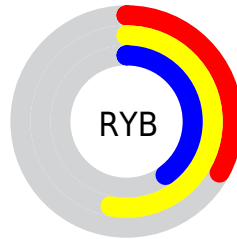
The XYZ color **17.3278, 21.4033, 11.6055** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.9538, 10.8873, 23.9742**, and the grayscale version is **18.8602, 19.8424, 21.6084**.

A 20% lighter version of the original color is **38.4356, 45.6969, 29.3489**, and **5.8349, 7.6739, 3.0074** is the 20% darker color. If you saturate the color by 10%, you get **16.2278, 20.8918, 9.0716**, and if you desaturate by 10%, it is **18.5627, 21.9740, 14.6708**.

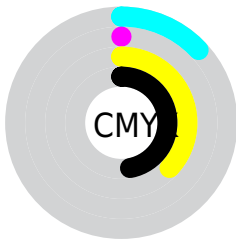
Distribution



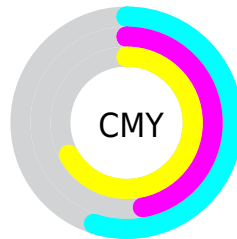
- Red (45%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (37%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3278, 21.4033, 11.6055 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 17.3278, 21.4033, 11.6055 by changing the saturation by 10% instead.

■ 17.3278, 21.4033,
11.6055

■ 17.3278, 21.4033,
11.6055

230.1740,
259.4141, 212.6602

■ 10.5652, 13.4191,
6.3564

■ 38.4277, 45.7578,
29.4281

■ 5.8404, 7.7178,
2.9907

■ 53.4956, 62.8969,
42.8387

■ 2.7880, 3.9149,
1.0899

■ 72.0628, 83.8564,
59.8069

■ 1.0427, 1.6261,
0.0000

■ 94.4946, 109.0207,
80.7511

■ 0.0000, 0.3751,
0.0000

■ 121.1562,
138.7742, 106.0901

■ 0.0000, 0.0000,
0.0000

152.4130,

173.5014, 136.2422

188.6305,
213.5866, 171.6261

■ 17.3278, 21.4033,
11.6055

■ 17.3278, 21.4033,
11.6055

■ 16.2278, 20.8918,
9.0716

■ 18.5627, 21.9740,
14.6708

■ 15.2547, 20.4342,
7.0374

■ 19.9365, 22.6035,
18.2940

■ 14.4023, 20.0286,
5.4701


■ 21.4554, 23.2949,
22.5016


■ 13.6630, 19.6719,
4.3322


■ 23.1242, 24.0504,
27.3177


■ 13.0280, 19.3605,
3.5806


■ 24.9479, 24.8718,
32.7654


 12.4806, 19.0877,
3.1299

 26.9310, 25.7611,
38.8663

 12.3408, 19.0180,
3.0204

 29.0778, 26.7202,
45.6413

 31.3926, 27.7506,
53.1099

 33.8795, 28.8541,
61.2914

Harmonies

Analogous

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



20.1228, 21.4033, 10.0426



17.3278, 21.4033, 11.6055



15.5041, 21.4033, 16.1816

Triad

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



17.3278, 21.4033, 11.6055



17.6743, 21.4033, 41.9464



26.9198, 21.4033, 22.6768

Complementary

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



17.3278, 21.4033, 11.6055



12.9538, 10.8873, 23.9742

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.



26.0971, 21.4033, 32.2604



17.3278, 21.4033, 11.6055



20.5652, 21.4033, 44.9373

Square

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



17.3278, 21.4033, 11.6055



15.6894, 21.4033, 33.6424



23.6896, 21.4033, 41.0161



25.8368, 21.4033, 15.3364

Rectangle

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



17.3278, 21.4033, 11.6055



14.9784, 21.4033, 21.0358



23.6896, 21.4033, 41.0161



26.8567, 21.4033, 25.7308

Sweetspot

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



17.3283, 21.4042, 11.6060



36.7181, 40.5494, 36.6060



16.1349, 15.1139, 10.4547



8.2045, 9.1046, 8.0588



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.3283, 21.4042, 11.6060



28.8338, 36.9213, 16.5217



14.4899, 19.9410, 11.4731



4.8814, 5.3414, 5.0031



11.5765, 17.8278, 2.8310



0.0481, 0.0659, 0.0102

Inverse Universe

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



12.9538, 10.8873, 23.9742



19.9422, 15.5292, 41.6848



16.1523, 12.5362, 24.1239



4.5811, 4.6201, 5.8511



5.1968, 2.2132, 21.2900



0.0255, 0.0115, 0.0741

Previews

White Background



This preview shows how the XYZ color 17.3278, 21.4033, 11.6055 looks on a white background.

Color Contrast Check

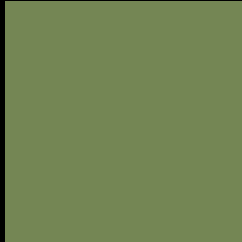
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3278, 21.4033, 11.6055 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 17.3278, 21.4033, 11.6055

Background



This preview shows how black text looks on a background with the XYZ color 17.3278, 21.4033, 11.6055.



This preview shows how white text looks on a background with the XYZ color 17.3278, 21.4033,

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

17.3278, 21.4033, 11.6055

Protanopia

19.7220, 21.2618, 10.8491

Deuteranopia

21.6287, 21.2826, 11.9848



Tritanopia

20.3452, 21.2247, 27.0692

Trichromacy



Original Color

17.3278, 21.4033, 11.6055

Protanomaly

18.8657, 21.3998, 11.1189

Deuteranomaly

19.7880, 21.0826, 11.8305

Tritanomaly

18.9984, 21.2663, 20.2430

Monochromacy



Original Color

17.3278, 21.4033, 11.6055

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.0954, 20.2759, 17.4279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3278, 21.4033, 11.6055 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, 134, 84)` looks like.

```
.text, #text, p{  
    color:rgb(116, 134, 84)  
}
```

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, 134, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 134, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.3278, 21.4033, 11.6055 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, 134, 84) }
```


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

```
.border{ border-color:rgb(116, 134, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 134, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 134, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 134, 84);  
box-shadow:4px 4px 4px 4px rgb(116, 134,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3278, 21.4033, 11.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 134, 84) }
```

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

```
.background{ background-color: rgb(116,  
134, 84) }
```

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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