

Converting Colors

XYZ(17.3615, 23.1198, 12.1859)

Have a look what the booklet for
XYZ(17.3615, 23.1198, 12.1859)
contains.

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Color

**XYZ(17.3761, 23.1277,
12.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8E55
RGB	107, 142, 85
RGB Percent	42%, 56%, 33%
CMY	0.5804, 0.4431, 0.6667
CMYK	0.25, 0.00, 0.40, 0.44
HSL	97°, 25%, 45%
HSV	97°, 40%, 56%
XYZ	17.3761, 23.1277, 12.1426
YIQ	125.0370, -2.5630, -25.1470

Conversions

Conversions Part 2

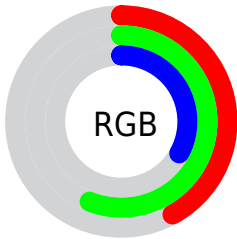
Format	Color
RYB	85, 142, 120
Decimal	7048789
CIELab	55.20, -23.14, 26.50
CIELCh	55, 35.177, 131.127
Yxy	23.1277, 0.3301, 0.4393
Android (android.graphics.Color)	4285238869 (0xFF6B8E55)
YUV	125.0370, -19.7382, -15.8184
Hunter-Lab	48.0913, -19.6650, 18.6937

Details

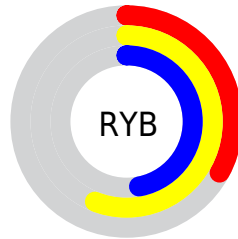
The XYZ color **17.3761, 23.1277, 12.1426** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.8777, 12.4438, 27.1575**, and the grayscale version is **19.5710, 20.5902, 22.4227**.

A 20% lighter version of the original color is **38.6103, 48.7027, 30.2873**, and **5.9219, 8.6938, 3.1997** is the 20% darker color. If you saturate the color by 10%, you get **15.8717, 22.4117, 9.4172**, and if you desaturate by 10%, it is **19.1006, 23.9456, 15.4703**.

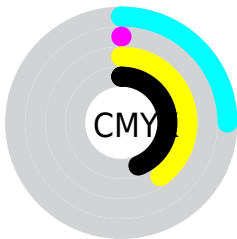
Distribution



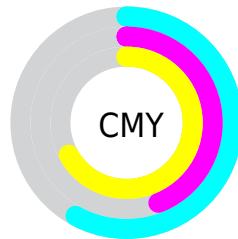
- Red (42%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3761, 23.1277, 12.1426 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 17.3761, 23.1277, 12.1426 by changing the saturation by 10% instead.

■ 17.3761, 23.1277,
12.1426

■ 17.3761, 23.1277,
12.1426

230.4447,
268.3802, 216.3584

■ 10.6000, 14.6878,
6.7172

■ 38.5098, 48.6029,
30.4228

■ 5.8638, 8.6006,
3.2101

■ 53.5980, 66.4071,
44.1147

■ 2.8023, 4.4816,
1.2029

■ 72.1877, 88.1014,
61.3991

■ 1.0501, 1.9464,
0.0000

■ 94.6441, 114.0704,
82.6946

■ 0.0000, 0.5761,
0.0000

■ 121.3327,
144.6984, 108.4198

■ 0.0000, 0.0000,
0.0000

152.6188,

180.3697, 138.9931

188.8676,
221.4689, 174.8331

■ 17.3761, 23.1277,
12.1426

■ 17.3761, 23.1277,
12.1426

■ 15.8717, 22.4117,
9.4172

■ 19.1006, 23.9456,
15.4703

■ 14.5759, 21.7901,
7.2566

■ 21.0528, 24.8663,
19.4319

■ 13.4783, 21.2593,
5.6213

■ 23.2418, 25.8947,
24.0584

■ 12.5670, 20.8141,
4.4664

■ 25.6760, 27.0343,
29.3785

■ 11.8283, 20.4487,
3.7390

■ 28.3630, 28.2885,
35.4193

■ 11.2383, 20.1537,
3.2977

■ 31.3102, 29.6607,
42.2061

■ 34.5247, 31.1539,
49.7634

■ 38.0133, 32.7711,
58.1142

■ 41.7826, 34.5153,
67.2808

Harmonies

Analogous

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



20.5556, 23.1277, 9.3541



17.3761, 23.1277, 12.1426



15.5777, 23.1277, 18.8089

Triad

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



17.3761, 23.1277, 12.1426



19.6267, 23.1277, 51.7209



30.2639, 23.1277, 21.2314

Complementary

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



17.3761, 23.1277, 12.1426



15.8777, 12.4438, 27.1575

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.



29.9380, 23.1277, 32.8534



17.3761, 23.1277, 12.1426



23.4733, 23.1277, 52.9536

Square

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



17.3761, 23.1277, 12.1426



16.7661, 23.1277, 42.2719



27.3378, 23.1277, 45.2604



28.1814, 23.1277, 13.4591

Rectangle

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



17.3761, 23.1277, 12.1426



15.2581, 23.1277, 25.6103



27.3378, 23.1277, 45.2604



30.4383, 23.1277, 24.7588

Sweetspot

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



17.3767, 23.1287, 12.1431



40.1336, 45.2623, 40.6026



19.4166, 19.6489, 11.3639



8.8672, 10.0640, 8.8624



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.3767, 23.1287, 12.1431



28.2714, 39.6549, 17.1034



15.2954, 22.0285, 13.2760



5.5274, 6.1245, 5.7802



10.1093, 18.1041, 2.9616



0.1200, 0.1851, 0.0294

Inverse Universe

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



15.8777, 12.4438, 27.1575



25.2468, 18.1587, 47.3022



18.8700, 14.0345, 25.1200



5.4274, 5.4085, 6.7867



7.9503, 3.5921, 23.2514



0.1007, 0.0471, 0.2235

Previews

White Background



This preview shows how the XYZ color 17.3761, 23.1277, 12.1426 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 17.3761, 23.1277, 12.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

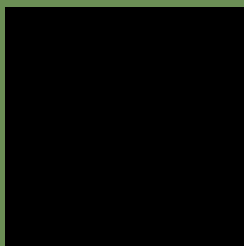
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3761, 23.1277, 12.1426

Background



This preview shows how black text looks on a background with the XYZ color 17.3761, 23.1277, 12.1426.



This preview shows how white text looks on a background with the XYZ color 17.3761, 23.1277,

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

17.3761, 23.1277, 12.1426

Protanopia

21.2381, 23.0259, 11.1097

Deuteranopia

23.3646, 22.9121, 12.6422



Tritanopia

21.0547, 23.1163, 30.5463

Trichromacy



Original Color

17.3761, 23.1277, 12.1426

Protanomaly

19.6872, 23.0428, 11.3927

Deuteranomaly

20.6602, 22.6961, 12.5244

Tritanomaly

19.5366, 23.1429, 22.5061

Monochromacy



Original Color

17.3761, 23.1277, 12.1426

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4020, 21.2099, 17.8759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3761, 23.1277, 12.1426 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(107, 142, 85)` looks like.

```
.text, #text, p{  
    color:rgb(107, 142, 85)  
}
```

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(107, 142, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 142, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.3761, 23.1277, 12.1426 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(107, 142, 85) }
```


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

```
.border{ border-color:rgb(107, 142, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 142, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 142, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 142, 85);  
box-shadow:4px 4px 4px 4px rgb(107, 142,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3761, 23.1277, 12.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 142, 85) }
```

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

```
.background{ background-color: rgb(107,  
142, 85) }
```

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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