

Converting Colors

XYZ(17.8114, 20.2166, 7.3473)

Have a look what the booklet for
XYZ(17.8114, 20.2166, 7.3473)
contains.

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Color

**XYZ(17.8189, 20.1642,
7.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	847E3D
RGB	132, 126, 61
RGB Percent	52%, 49%, 24%
CMY	0.4824, 0.5059, 0.7608
CMYK	0.00, 0.05, 0.54, 0.48
HSL	55°, 37%, 38%
HSV	55°, 54%, 52%
XYZ	17.8189, 20.1642, 7.3678
YIQ	120.3840, 24.4410, -18.9430

Conversions

Conversions Part 2

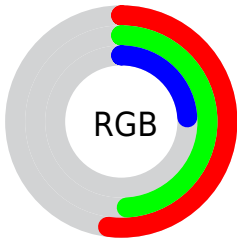
Format	Color
R_{YB}	68, 132, 61
Decimal	8683069
CIE _{Lab}	52.02, -7.03, 35.78
CIE _{LCh}	52, 36.465, 101.122
Yxy	20.1642, 0.3929, 0.4446
Android (android.graphics.Color)	4286873149 (0xFF847E3D)
YUV	120.3840, -29.2763, 10.1872
Hunter-Lab	44.9046, -7.7511, 21.7051

Details

The XYZ color **17.8189, 20.1642, 7.3678** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0965, 6.6722, 22.6909**, and the grayscale version is **18.0616, 19.0022, 20.6934**.

A 20% lighter version of the original color is **39.4281, 43.9308, 21.1533**, and **6.0348, 7.0423, 1.4220** is the 20% darker color. If you saturate the color by 10%, you get **17.3647, 19.7564, 5.6731**, and if you desaturate by 10%, it is **18.3632, 20.6120, 9.5249**.

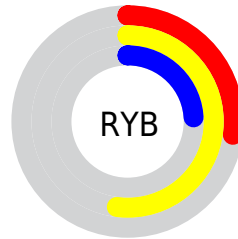
Distribution



Red (52%)

Green (49%)

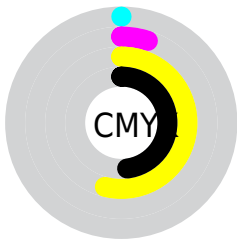
Blue (24%)



Red (27%)

Yellow (52%)

Blue (24%)

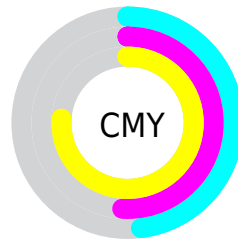


Cyan (0%)

Magenta (5%)

Yellow (54%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8189, 20.1642, 7.3678 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 17.8189, 20.1642, 7.3678 by changing the saturation by 10% instead.

■ 17.8189, 20.1642,
7.3678

■ 17.8189, 20.1642,
7.3678

■ 232.9137,
252.8026, 180.4310

■ 10.9189, 12.5145,
3.6113

■ 39.2610, 43.6923,
21.2347

■ 6.0792, 7.0951,
1.4146

■ 54.5339, 60.3395,
32.1822

■ 2.9344, 3.5216,
0.1531

■ 73.3284, 80.7545,
46.3637

■ 1.1192, 1.4097,
0.0000

■ 96.0100, 105.3219,
64.1978

■ 0.0411, 0.2239,
0.0000

■ 122.9439,
134.4261, 86.1031

■ 0.0000, 0.0000,
0.0000

■ 154.4956,

168.4513, 112.4980

191.0304,
207.7820, 143.8011

■ 17.8189, 20.1642,
7.3678

■ 17.8189, 20.1642,
7.3678

■ 17.3647, 19.7564,
5.6731

■ 18.3632, 20.6120,
9.5249

■ 16.9926, 19.3833,
4.4050

■ 19.0021, 21.0995,
12.1742

■ 16.6956, 19.0427,
3.5248

■ 19.7414, 21.6297,
15.3443

■ 16.4644, 18.7310,
2.9832

■ 20.5860, 22.2046,
19.0614

■ 16.3351, 18.5443,
2.7185

■ 21.5407, 22.8261,
23.3498

■ 22.6097, 23.4959,
28.2325

■ 23.7972, 24.2157,
33.7311

■ 25.1071, 24.9870,
39.8661

■ 26.5431, 25.8114,
46.6573

Harmonies

Analogous

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



21.5735, 20.1642, 7.7195



17.8189, 20.1642, 7.3678



14.8368, 20.1642, 9.8594

Triad

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



17.8189, 20.1642, 7.3678



14.2676, 20.1642, 38.3658



26.7591, 20.1642, 29.2705

Complementary

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



17.8189, 20.1642, 7.3678



8.0965, 6.6722, 22.6909

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.



24.2635, 20.1642, 41.2782



17.8189, 20.1642, 7.3678



16.9437, 20.1642, 47.5932

Square

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



17.8189, 20.1642, 7.3678



12.9704, 20.1642, 26.1475



20.5782, 20.1642, 48.8041



27.0730, 20.1642, 18.2371

Rectangle

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



17.8189, 20.1642, 7.3678



13.5610, 20.1642, 13.4758



20.5782, 20.1642, 48.8041



26.1337, 20.1642, 33.4052

Sweetspot

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



17.8194, 20.1651, 7.3682



35.8617, 38.8455, 31.7990



12.2310, 8.6618, 6.5124



8.2881, 9.0026, 7.1328



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.



17.8194, 20.1651, 7.3682



30.3996, 34.6199, 9.3270



14.7563, 19.7586, 7.4512



5.0070, 5.3576, 4.9996



15.8184, 17.9593, 2.6328



0.0573, 0.0671, 0.0099

Inverse Universe

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



8.0965, 6.6722, 22.6909



11.3266, 8.1669, 39.4325



9.9921, 7.1474, 22.6827



4.4638, 4.6032, 5.8540



4.1521, 1.8520, 21.2753



0.0163, 0.0103, 0.0743

Previews

White Background



This preview shows how the XYZ color 17.8189, 20.1642, 7.3678 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 17.8189, 20.1642, 7.3678 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 17.8189, 20.1642, 7.3678

Background



This preview shows how black text looks on a background with the XYZ color 17.8189, 20.1642, 7.3678.



This preview shows how white text looks on a background with the XYZ color 17.8189, 20.1642,

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

17.8189, 20.1642, 7.3678

Protanopia

18.3398, 20.0599, 7.1803

Deuteranopia

20.3245, 19.9911, 7.4901



Tritanopia

21.1406, 20.2411, 23.2148

Trichromacy



Original Color

17.8189, 20.1642, 7.3678

Protanomaly

18.1409, 20.1444, 7.2071

Deuteranomaly

19.3839, 20.0423, 7.4043

Tritanomaly

19.6116, 20.1528, 15.9529

Monochromacy



Original Color

17.8189, 20.1642, 7.3678

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5238, 19.1050, 14.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8189, 20.1642, 7.3678 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(132, 126, 61)` looks like.

```
.text, #text, p{  
    color:rgb(132, 126, 61)  
}
```

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(132, 126, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 126, 61) }
```

Border

The CSS property to change the border of an element to XYZ 17.8189, 20.1642, 7.3678 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(132, 126, 61) }
```


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

```
.border{ border-color:rgb(132, 126, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 126, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 126, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 126, 61);  
box-shadow:4px 4px 4px 4px rgb(132, 126,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8189, 20.1642, 7.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 126, 61) }
```

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

```
.background{ background-color: rgb(132,  
126, 61) }
```

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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