

Converting Colors

XYZ(17.6639, 18.5777, 7.3575)

Have a look what the booklet for
XYZ(17.6639, 18.5777, 7.3575)
contains.

XYZ(17.6922, 18.6341, 7.3669)	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(17.6922, 18.6341,
7.3669)**

Conversions

Conversions Part 1

Format	Color
Hex	89763F
RGB	137, 118, 63
RGB Percent	54%, 46%, 25%
CMY	0.4627, 0.5372, 0.7529
CMYK	0.00, 0.14, 0.54, 0.46
HSL	45°, 37%, 39%
HSV	45°, 54%, 54%
XYZ	17.6922, 18.6341, 7.3669
YIQ	117.4110, 28.9790, -13.0770

Conversions

Conversions Part 2

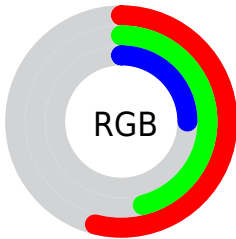
Format	Color
RYB	89, 137, 63
Decimal	9008703
CIELab	50.26, -0.10, 32.74
CIELCh	50, 32.739, 90.178
Yxy	18.6341, 0.4049, 0.4265
Android (android.graphics.Color)	4287198783 (0xFF89763F)
YUV	117.4110, -26.8246, 17.1796
Hunter-Lab	43.1672, -2.3840, 20.0987

Details

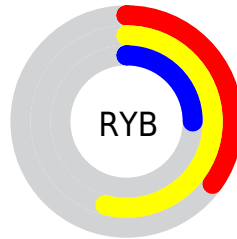
The XYZ color **17.6922, 18.6341, 7.3669** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.5825, 8.8973, 24.8792**, and the grayscale version is **17.1110, 18.0021, 19.6043**.

A 20% lighter version of the original color is **39.0376, 41.1258, 21.2098**, and **6.0300, 6.3490, 1.3979** is the 20% darker color. If you saturate the color by 10%, you get **16.9497, 17.6874, 5.4599**, and if you desaturate by 10%, it is **18.5464, 19.6516, 9.7817**.

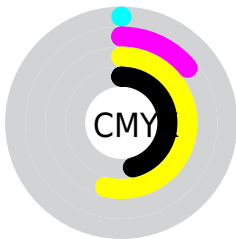
Distribution



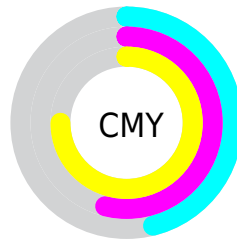
- Red (54%)
- Green (46%)
- Blue (25%)



- Red (35%)
- Yellow (54%)
- Blue (25%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6922, 18.6341, 7.3669 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 17.6922, 18.6341, 7.3669 by changing the saturation by 10% instead.

■ 17.6922, 18.6341,
7.3669

■ 17.6922, 18.6341,
7.3669

232.2097,
244.4213, 180.4235

■ 10.8276, 11.4062,
3.6107

■ 39.0463, 41.1149,
21.2329

■ 6.0174, 6.3407,
1.4143

■ 54.2666, 57.1366,
32.1798

■ 2.8965, 3.0534,
0.1528

■ 73.0027, 76.8583,
46.3607

■ 1.0992, 1.1597,
0.0000

■ 95.6202, 100.6644,
64.1940

■ 0.0245, 0.0284,
0.0000

■ 122.4842,
128.9394, 86.0984

■ 0.0000, 0.0000,
0.0000

■ 153.9602,

162.0676, 112.4925

190.4136,
200.4334, 143.7946

■ 17.6922, 18.6341,
7.3669

■ 17.6922, 18.6341,
7.3669

■ 16.9497, 17.6874,
5.4599

■ 18.5464, 19.6516,
9.7817

■ 16.3100, 16.8056,
4.0215

■ 19.5175, 20.7402,
12.7373

■ 15.7654, 15.9859,
3.0088

■ 20.6121, 21.9033,
16.2652

■ 15.3053, 15.2240,
2.3674

■ 21.8358, 23.1436,
20.3941

■ 15.0512, 14.7877,
2.0610

■ 23.1937, 24.4634,
25.1509

■ 24.6909, 25.8648,
30.5607

■ 26.3319, 27.3500,
36.6474

■ 28.1213, 28.9209,
43.4336

■ 30.0632, 30.5796,
50.9407

Harmonies

Analogous

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



20.9162, 18.6341, 8.6062



17.6922, 18.6341, 7.3669



14.8223, 18.6341, 8.6369

Triad

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



17.6922, 18.6341, 7.3669



12.9502, 18.6341, 30.3825



23.5386, 18.6341, 30.2596

Complementary

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



17.6922, 18.6341, 7.3669



9.5825, 8.8973, 24.8792

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.



20.9529, 18.6341, 39.4140



17.6922, 18.6341, 7.3669



14.8515, 18.6341, 39.4985

Square

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



17.6922, 18.6341, 7.3669



12.2917, 18.6341, 20.3437



17.7301, 18.6341, 43.2105



24.5271, 18.6341, 20.2351

Rectangle

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



17.6922, 18.6341, 7.3669



13.4328, 18.6341, 11.0429



17.7301, 18.6341, 43.2105



22.8133, 18.6341, 33.6365

Sweetspot

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



17.6926, 18.6350, 7.3673



38.5699, 40.9137, 34.6931



13.6452, 9.4940, 9.2433



8.5635, 9.0887, 7.4840



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6926, 18.6350, 7.3673



30.0600, 31.2820, 9.0798



17.5518, 22.2243, 8.0675



5.3242, 5.6313, 5.3587



14.0301, 13.7945, 1.9231



0.1050, 0.1152, 0.0167

Inverse Universe

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



9.5825, 8.8973, 24.8792



13.9525, 11.9735, 43.9589



9.6239, 7.0785, 24.5260



4.8723, 5.0875, 6.3310



4.7792, 2.8288, 22.3398



0.0422, 0.0396, 0.1519

Previews

White Background



This preview shows how the XYZ color 17.6922, 18.6341, 7.3669 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 17.6922, 18.6341, 7.3669 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 17.6922, 18.6341, 7.3669

Background



This preview shows how black text looks on a background with the XYZ color 17.6922, 18.6341, 7.3669.



This preview shows how white text looks on a background with the XYZ color 17.6922, 18.6341,

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

17.6922, 18.6341, 7.3669

Protanopia

17.1576, 18.7086, 7.5573

Deuteranopia

18.9753, 18.6078, 7.4421



Tritanopia

20.3397, 18.6952, 20.3058

Trichromacy



Original Color

17.6922, 18.6341, 7.3669

Protanomaly

17.3538, 18.6321, 7.5322

Deuteranomaly

18.3838, 18.4713, 7.4469

Tritanomaly

19.0847, 18.5109, 14.3715

Monochromacy



Original Color

17.6922, 18.6341, 7.3669

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8311, 17.8707, 13.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6922, 18.6341, 7.3669 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(137, 118, 63)` looks like.

```
.text, #text, p{  
    color:rgb(137, 118, 63)  
}
```

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(137, 118, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 118, 63) }
```

Border

The CSS property to change the border of an element to XYZ 17.6922, 18.6341, 7.3669 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(137, 118, 63) }
```


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

```
.border{ border-color:rgb(137, 118, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 118, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 118, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 118, 63);  
box-shadow:4px 4px 4px 4px rgb(137, 118,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6922, 18.6341, 7.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 118, 63) }
```

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

```
.background{ background-color: rgb(137,  
118, 63) }
```

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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