

Converting Colors

XYZ(17.0999, 10.7546, 6.5020)

Have a look what the booklet for
XYZ(17.0999, 10.7546, 6.5020)
contains.

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Color

**XYZ(17.0772, 10.7147,
6.4783)**

Conversions

Conversions Part 1

Format	Color
Hex	A13743
RGB	161, 55, 67
RGB Percent	63%, 22%, 26%
CMY	0.3686, 0.7843, 0.7373
CMYK	0.00, 0.66, 0.58, 0.37
HSL	353°, 49%, 42%
HSV	353°, 66%, 63%
XYZ	17.0772, 10.7147, 6.4783
YIQ	88.0620, 59.3240, 26.2040

Conversions

Conversions Part 2

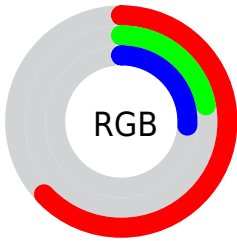
Format	Color
R_{YB}	161, 55, 67
Decimal	10565443
CIE _{Lab}	39.10, 44.66, 16.91
CIE _{LCh}	39, 47.753, 20.745
Yxy	10.7147, 0.4983, 0.3127
Android (android.graphics.Color)	4288755523 (0xFFA13743)
YUV	88.0620, -10.3836, 63.9666
Hunter-Lab	32.7333, 35.8414, 11.1791

Details

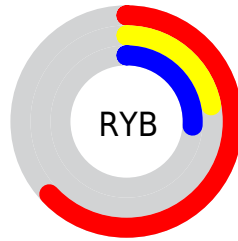
The XYZ color **17.0772, 10.7147, 6.4783** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.7460, 28.4720, 32.8911**, and the grayscale version is **9.3028, 9.7872, 10.6583**.

A 20% lighter version of the original color is **37.9723, 27.1786, 19.4643**, and **5.8844, 3.0132, 1.1912** is the 20% darker color. If you saturate the color by 10%, you get **16.0565, 9.2764, 4.2791**, and if you desaturate by 10%, it is **18.4535, 12.6954, 9.3174**.

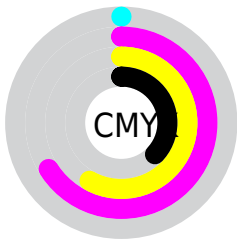
Distribution



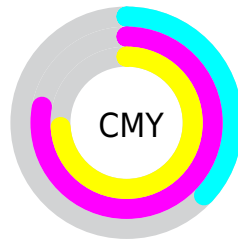
- Red (63%)
- Green (22%)
- Blue (26%)



- Red (63%)
- Yellow (22%)
- Blue (26%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (37%)





- Cyan (37%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0772, 10.7147, 6.4783 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 17.0772, 10.7147, 6.4783 by changing the saturation by 10% instead.


 17.0772, 10.7147,
6.4783


 17.0772, 10.7147,
6.4783


228.7644,
195.6996, 172.7186


 10.3852, 5.8753,
3.0646


 38.0010, 27.1314,
19.4104


 5.7193, 2.7694,
1.1277

 52.9635, 39.4775,
29.7659

 2.7142, 1.0126,
0.0000

 71.4136, 55.0946,
43.2723

 1.0045, 0.0000,
0.0000

 93.7165, 74.3672,
60.3483

 0.0000, 0.0000,
0.0000

 120.2377, 97.6796,
81.4124

 151.3425,

125.4162, 106.8831

187.3963,
157.9614, 137.1790

■ 17.0772, 10.7147,
6.4783

■ 17.0772, 10.7147,
6.4783

■ 16.0565, 9.2764,
4.2791

■ 18.4535, 12.6954,
9.3174

■ 15.3574, 8.3250,
2.6690

■ 20.2137, 15.2633,
12.8404

■ 14.9372, 7.7892,
1.5894

■ 22.3841, 18.4609,
17.0884

■ 14.8088, 7.6214,
1.2722

■ 24.9884, 22.3258,
22.0986

■ 28.0485, 26.8930,
27.9061

■ 31.5848, 32.1950,
34.5436

■ 35.6165, 38.2621,
42.0420

■ 40.1618, 45.1231,
50.4305

■ 45.2378, 52.8052,
59.7371

Harmonies

Analogous

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



17.5304, 10.7147, 14.7312



17.0772, 10.7147, 6.4783



14.5870, 10.7147, 2.6577

Triad

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



17.0772, 10.7147, 6.4783



6.1292, 10.7147, 3.6992



9.2275, 10.7147, 39.0726

Complementary

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



17.0772, 10.7147, 6.4783



19.7460, 28.4720, 32.8911

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.



6.7702, 10.7147, 31.2817



17.0772, 10.7147, 6.4783



5.2443, 10.7147, 9.0593

Square

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



17.0772, 10.7147, 6.4783



8.1593, 10.7147, 1.7358



5.4515, 10.7147, 19.0740



12.5187, 10.7147, 37.0673

Rectangle

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



17.0772, 10.7147, 6.4783



12.3473, 10.7147, 1.6922



5.4515, 10.7147, 19.0740



8.2894, 10.7147, 37.4064

Sweetspot

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



17.0775, 10.7153, 6.4785



47.6404, 44.2891, 45.0736



20.1271, 11.6614, 34.9079



10.1364, 9.2481, 9.2929



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.0775, 10.7153, 6.4785



28.1063, 15.7191, 6.1974



19.5374, 16.1526, 5.7034



7.1049, 7.0984, 7.5386



11.8357, 6.0904, 1.0597



0.2577, 0.1316, 0.0698

Inverse Universe

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



17.0775, 10.7153, 6.4785



28.1063, 15.7191, 6.1974



14.7698, 16.9075, 36.2029



7.1049, 7.0984, 7.5386



11.8357, 6.0904, 1.0597



0.2577, 0.1316, 0.0698

Previews

White Background



This preview shows how the XYZ color 17.0772, 10.7147, 6.4783 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 17.0772, 10.7147, 6.4783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

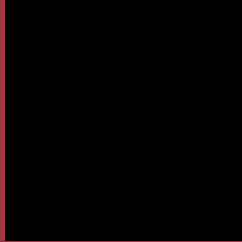
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0772, 10.7147, 6.4783

Background



This preview shows how black text looks on a background with the XYZ color 17.0772, 10.7147, 6.4783.



This preview shows how white text looks on a background with the XYZ color 17.0772, 10.7147,

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

17.0772, 10.7147, 6.4783

Protanopia

10.4443, 11.0102, 9.9622

Deuteranopia

10.9974, 10.8721, 6.0763



Tritanopia

16.9277, 10.7317, 5.4542

Trichromacy



Original Color

17.0772, 10.7147, 6.4783

Protanomaly

11.9169, 10.1351, 8.5359

Deuteranomaly

12.6326, 10.3450, 6.1815

Tritanomaly

17.0093, 10.7643, 5.8839

Monochromacy



Original Color

17.0772, 10.7147, 6.4783

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

11.1026, 9.3929, 8.8173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0772, 10.7147, 6.4783 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(161, 55, 67)` looks like.

```
.text, #text, p{  
    color:rgb(161, 55, 67)  
}
```

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(161, 55, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 55, 67) }
```

Border

The CSS property to change the border of an element to XYZ 17.0772, 10.7147, 6.4783 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(161, 55, 67) }
```


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

```
.border{ border-color:rgb(161, 55, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 55, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 55, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 55, 67);  
box-shadow:4px 4px 4px 4px rgb(161, 55,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0772, 10.7147, 6.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 55, 67) }
```

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

```
.background{ background-color: rgb(161, 55,  
67) }
```

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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