

Converting Colors

XYZ(17.4402, 20.5123, 13.7795)

Have a look what the booklet for
XYZ(17.4402, 20.5123, 13.7795)
contains.

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Color

**XYZ(17.5194, 20.6430,
13.8876)**

Conversions

Conversions Part 1

Format	Color
Hex	76825F
RGB	118, 130, 95
RGB Percent	46%, 51%, 37%
CMY	0.5373, 0.4902, 0.6274
CMYK	0.09, 0.00, 0.27, 0.49
HSL	81°, 16%, 44%
HSV	81°, 27%, 51%
XYZ	17.5194, 20.6430, 13.8876
YIQ	122.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

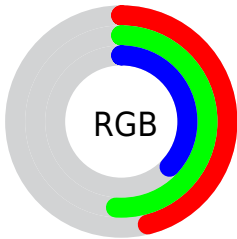
Format	Color
R_{YB}	95, 130, 107
Decimal	7766623
CIE _{Lab}	52.56, -10.95, 17.53
CIE _{LCh}	53, 20.665, 121.994
Yxy	20.6430, 0.3366, 0.3966
Android (android.graphics.Color)	4285956703 (0xFF76825F)
YUV	122.4220, -13.5190, -3.8781
Hunter-Lab	45.4346, -10.6816, 13.6815

Details

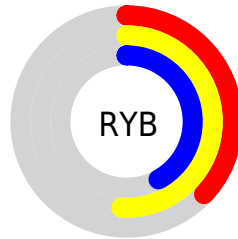
The XYZ color **17.5194, 20.6430, 13.8876** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1857, 12.9225, 22.8668**, and the grayscale version is **18.6791, 19.6519, 21.4009**.

A 20% lighter version of the original color is **38.6994, 44.4883, 33.7416**, and **5.9302, 7.3635, 3.9050** is the 20% darker color. If you saturate the color by 10%, you get **16.3861, 20.1221, 11.0031**, and if you desaturate by 10%, it is **18.7810, 21.2199, 17.2938**.

Distribution



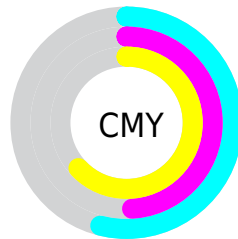
- Red (46%)
- Green (51%)
- Blue (37%)



- Red (37%)
- Yellow (51%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5194, 20.6430, 13.8876 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 17.5194, 20.6430, 13.8876 by changing the saturation by 10% instead.

■ 17.5194, 20.6430,
13.8876

■ 17.5194, 20.6430,
13.8876

231.2464,
255.3751, 227.9345

■ 10.7031, 12.8633,
7.9047

■ 38.7532, 44.4926,
33.6037

■ 5.9334, 7.3345,
3.9471

■ 53.9014, 61.3313,
48.1740

■ 2.8449, 3.6721,
1.5964

■ 72.5576, 81.9585,
66.4438

■ 1.0723, 1.4919,
0.2882

■ 95.0872, 106.7585,
88.8316

■ 0.0017, 0.2830,
0.0000

121.8555,
136.1158, 115.7561

■ 0.0000, 0.0000,
0.0000

153.2279,

170.4147, 147.6357

189.5697,
210.0397, 184.8890

■ 17.5194, 20.6430,
13.8876

■ 17.5194, 20.6430,
13.8876

■ 16.3861, 20.1221,
11.0031

■ 18.7810, 21.2199,
17.2938

■ 15.3743, 19.6523,
8.6133

■ 20.1743, 21.8522,
21.2444

■ 14.4788, 19.2323,
6.6905

■ 21.7044, 22.5426,
25.7623

■ 13.6933, 18.8594,
5.2040

■ 23.3758, 23.2929,
30.8687

■ 13.0109, 18.5309,
4.1194

■ 25.1926, 24.1049,
36.5839

■ 12.4236, 18.2436,
3.3969

■ 27.1589, 24.9802,
42.9270

■ 11.9163, 17.9912,
2.9594

■ 29.2784, 25.9204,
49.9162

■ 11.7679, 17.9172,
2.8381

■ 31.5549, 26.9269,
57.5694

■ 33.9918, 28.0012,
65.9032

Harmonies

Analogous

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



19.4777, 20.6430, 12.6335



17.5194, 20.6430, 13.8876



16.2060, 20.6430, 17.3830

Triad

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



17.5194, 20.6430, 13.8876



17.7504, 20.6430, 34.5745



24.0287, 20.6430, 22.0691

Complementary

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



17.5194, 20.6430, 13.8876



14.1857, 12.9225, 22.8668

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.



23.4839, 20.6430, 28.4794



17.5194, 20.6430, 13.8876



19.7641, 20.6430, 36.4371

Square

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



17.5194, 20.6430, 13.8876



16.3324, 20.6430, 29.3193



21.8833, 20.6430, 34.0309



23.3229, 20.6430, 16.7913

Rectangle

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



17.5194, 20.6430, 13.8876



15.8201, 20.6430, 20.8744



21.8833, 20.6430, 34.0309



23.9856, 20.6430, 24.1591

Sweetspot

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



17.5199, 20.6439, 13.8880



35.2052, 38.3360, 36.4823



16.4952, 16.0187, 13.0493



7.8933, 8.6431, 8.0415



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.5199, 20.6439, 13.8880



29.6675, 35.8093, 21.4007



15.3970, 19.5495, 13.7887



4.5266, 4.9479, 4.6366



11.2905, 17.1828, 2.7216



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1857, 12.9225, 22.8668



22.8223, 19.9528, 39.8409



16.4585, 14.0942, 22.9732



4.2371, 4.2778, 5.4157



4.8902, 2.0747, 20.3927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5194, 20.6430, 13.8876 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 17.5194, 20.6430, 13.8876 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 17.5194, 20.6430, 13.8876

Background



This preview shows how black text looks on a background with the XYZ color 17.5194, 20.6430, 13.8876.



This preview shows how white text looks on a background with the XYZ color 17.5194, 20.6430,

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

17.5194, 20.6430, 13.8876

Protanopia

19.1409, 20.5259, 13.3090

Deuteranopia

20.9068, 20.4991, 14.1641



Tritanopia

20.0190, 20.7016, 25.8624

Trichromacy



Original Color

17.5194, 20.6430, 13.8876

Protanomaly

18.5118, 20.5761, 13.5856

Deuteranomaly

19.4723, 20.4941, 13.9958

Tritanomaly

19.0056, 20.6724, 20.7578

Monochromacy



Original Color

17.5194, 20.6430, 13.8876

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1434, 19.9020, 18.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5194, 20.6430, 13.8876 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(118, 130, 95)` looks like.

```
.text, #text, p{  
    color:rgb(118, 130, 95)  
}
```

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(118, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 130, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.5194, 20.6430, 13.8876 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(118, 130, 95) }
```


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

```
.border{ border-color:rgb(118, 130, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 130, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(118, 130,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5194, 20.6430, 13.8876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 130, 95) }
```

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

```
.background{ background-color: rgb(118,  
130, 95) }
```

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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