

Converting Colors

XYZ(17.5870, 19.7495, 25.2833)

Have a look what the booklet for
XYZ(17.5870, 19.7495, 25.2833)
contains.

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Color

**XYZ(17.7181, 19.9032,
25.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	697F86
RGB	105, 127, 134
RGB Percent	41%, 50%, 53%
CMY	0.5882, 0.5020, 0.4745
CMYK	0.22, 0.05, 0.00, 0.47
HSL	194°, 12%, 47%
HSV	194°, 22%, 53%
XYZ	17.7181, 19.9032, 25.4621
YIQ	121.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

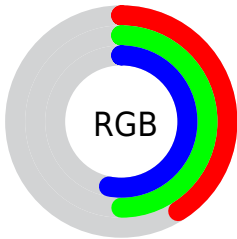
Format	Color
R_{YB}	105, 118, 134
Decimal	6913926
CIE _{Lab}	51.73, -6.30, -6.45
CIE _{LCh}	52, 9.017, 225.639
Yxy	19.9032, 0.2809, 0.3155
Android (android.graphics.Color)	4285104006 (0xFF697F86)
YUV	121.2200, 6.3005, -14.2249
Hunter-Lab	44.6130, -7.1813, -2.6096

Details

The XYZ color **17.7181, 19.9032, 25.4621** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1756, 17.6766, 15.8189**, and the grayscale version is **18.2293, 19.1787, 20.8856**.

A 20% lighter version of the original color is **39.1955, 43.3985, 53.3246**, and **6.0120, 6.9587, 9.4138** is the 20% darker color. If you saturate the color by 10%, you get **15.8557, 18.3335, 25.2576**, and if you desaturate by 10%, it is **19.8431, 21.6292, 25.6836**.

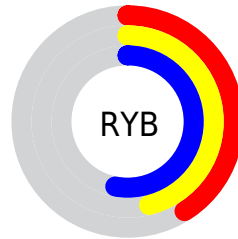
Distribution



Red (41%)

Green (50%)

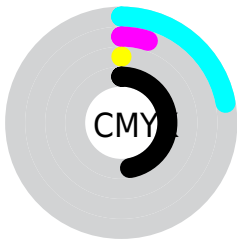
Blue (53%)



Red (41%)

Yellow (46%)

Blue (53%)

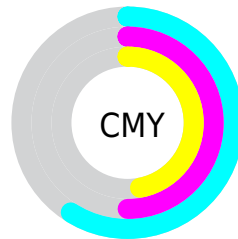


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7181, 19.9032, 25.4621 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 17.7181, 19.9032, 25.4621 by changing the saturation by 10% instead.

■ 17.7181, 19.9032,
25.4621

■ 17.7181, 19.9032,
25.4621

232.3537,
251.3906, 293.6525

■ 10.8462, 12.3247,
16.1995

■ 39.0902, 43.2548,
53.3793

■ 6.0301, 6.9652,
9.5096

■ 54.3213, 59.7968,
72.8710

■ 2.9042, 3.4404,
4.9737

■ 73.0694, 80.0953,
96.6094

■ 1.1033, 1.3657,
2.1734

■ 95.6999, 104.5348,
125.0132

■ 0.0279, 0.1913,
0.6589

122.5783,
133.4997, 158.5009

■ 0.0000, 0.0000,
0.0000

154.0698,

167.3743, 197.4910

190.5398,
206.5432, 242.4020

■ 17.7181, 19.9032,
25.4621

■ 17.7181, 19.9032,
25.4621

■ 15.8557, 18.3335,
25.2576

■ 19.8431, 21.6292,
25.6836

■ 14.2425, 16.9115,
25.0682

■ 22.2399, 23.5149,
25.9212

■ 12.8664, 15.6312,
24.8936

■ 24.9193, 25.5665,
26.1760

■ 11.7136, 14.4855,
24.7332

■ 27.8913, 27.7894,
26.4484

■ 10.7688, 13.4660,
24.5862

■ 31.1649, 30.1885,
26.7390

10.0148, 12.5639,
24.4518

34.7492, 32.7684,
27.0480

9.4311, 11.7684,
24.3290

38.6525, 35.5338,
27.3761

9.0215, 11.1580,
24.2328

42.8831, 38.4890,
27.7235

47.4488, 41.6383,
28.0907

Harmonies

Analogous

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



17.2791, 19.9032, 23.0529



17.7181, 19.9032, 25.4621



18.4859, 19.9032, 26.9073

Triad

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



17.7181, 19.9032, 25.4621



20.6668, 19.9032, 22.9403



18.4488, 19.9032, 17.1875

Complementary

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



17.7181, 19.9032, 25.4621



18.1756, 17.6766, 15.8189

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.



19.3555, 19.9032, 17.1627



17.7181, 19.9032, 25.4621



20.6561, 19.9032, 20.3459

Square

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



17.7181, 19.9032, 25.4621



20.1985, 19.9032, 25.3740



20.1696, 19.9032, 18.2766



17.6916, 19.9032, 18.3473

Rectangle

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



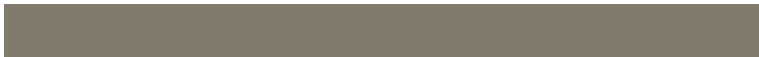
17.7181, 19.9032, 25.4621



19.0902, 19.9032, 27.0607



20.1696, 19.9032, 18.2766



18.7457, 19.9032, 17.0494

Sweetspot

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



17.7187, 19.9040, 25.4626



37.2270, 39.9028, 45.4783



17.2628, 21.2184, 18.4473



8.3369, 8.9504, 10.2409



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.



17.7187, 19.9040, 25.4626



29.5435, 33.6707, 44.6804



16.0045, 16.4757, 24.8912



4.7090, 5.0936, 5.9357



8.4629, 10.4736, 22.7123



0.0350, 0.0476, 0.0806

Inverse Universe

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



18.7143, 16.7042, 22.3175



31.6506, 27.0780, 37.9838



19.8766, 21.0786, 16.3859



4.8111, 4.7441, 5.6177



11.4498, 5.6443, 12.2069



0.0425, 0.0207, 0.0573

Previews

White Background



This preview shows how the XYZ color 17.7181, 19.9032, 25.4621 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 17.7181, 19.9032, 25.4621 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 17.7181, 19.9032, 25.4621

Background



This preview shows how black text looks on a background with the XYZ color 17.7181, 19.9032, 25.4621.



This preview shows how white text looks on a background with the XYZ color 17.7181, 19.9032,

25.4621.

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

17.7181, 19.9032, 25.4621

Protanopia

19.2246, 19.7687, 24.2752

Deuteranopia

20.2137, 19.8776, 26.0639



Tritanopia

18.0486, 20.0491, 26.5855

Trichromacy



Original Color

17.7181, 19.9032, 25.4621

Protanomaly

18.5750, 19.7943, 24.6715

Deuteranomaly

19.2019, 19.9083, 25.7523

Tritanomaly

17.9772, 20.0205, 26.2094

Monochromacy



Original Color

17.7181, 19.9032, 25.4621

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9191, 19.3171, 22.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7181, 19.9032, 25.4621 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(105, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 134)  
}
```

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(105, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.7181, 19.9032, 25.4621 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(105, 127, 134) }
```


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

```
.border{ border-color:rgb(105, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7181, 19.9032, 25.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 134) }
```

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

```
.background{ background-color: rgb(105,  
127, 134) }
```

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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