

Converting Colors

XYZ(17.4860, 19.7835, 25.4513)

Have a look what the booklet for
XYZ(17.4860, 19.7835, 25.4513)
contains.

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Color

**XYZ(17.4860, 19.7835,
25.4513)**

Conversions

Conversions Part 1

Format	Color
Hex	677F86
RGB	103, 127, 134
RGB Percent	40%, 50%, 53%
CMY	0.5961, 0.5020, 0.4745
CMYK	0.23, 0.05, 0.00, 0.47
HSL	194°, 13%, 46%
HSV	194°, 23%, 53%
XYZ	17.4860, 19.7835, 25.4513
YIQ	120.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

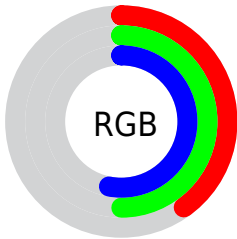
Format	Color
R_{YB}	103, 117, 134
Decimal	6782854
CIE _{Lab}	51.59, -6.97, -6.66
CIE _{LCh}	52, 9.643, 223.710
Yxy	19.7835, 0.2788, 0.3154
Android (android.graphics.Color)	4284972934 (0xFF677F86)
YUV	120.6220, 6.5954, -15.4545
Hunter-Lab	44.4786, -7.6635, -2.7915

Details

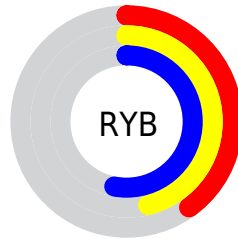
The XYZ color **17.4860, 19.7835, 25.4513** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8560, 17.1998, 15.2113**, and the grayscale version is **18.0358, 18.9751, 20.6639**.

A 20% lighter version of the original color is **38.8085, 43.1989, 53.3065**, and **5.9002, 6.9011, 9.4086** is the 20% darker color. If you saturate the color by 10%, you get **15.6858, 18.2846, 25.2572**, and if you desaturate by 10%, it is **19.5455, 21.4345, 25.6618**.

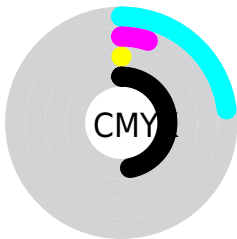
Distribution



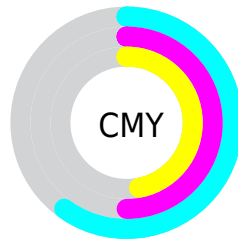
- Red (40%)
- Green (50%)
- Blue (53%)



- Red (40%)
- Yellow (46%)
- Blue (53%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4860, 19.7835, 25.4513 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 17.4860, 19.7835, 25.4513 by changing the saturation by 10% instead.

■ 17.4860, 19.7835,
25.4513

■ 17.4860, 19.7835,
25.4513

231.0597,
250.7407, 293.5973

■ 10.6790, 12.2378,
16.1915

■ 38.6965, 43.0539,
53.3616

■ 5.9171, 6.9058,
9.5040

■ 53.8308, 59.5474,
72.8492

■ 2.8349, 3.4033,
4.9701

■ 72.4715, 79.7922,
96.5832

■ 1.0671, 1.3457,
2.1713

■ 94.9840, 104.1728,
124.9820

■ 0.0000, 0.1762,
0.6577

121.7338,
133.0735, 158.4643

■ 0.0000, 0.0000,
0.0000

153.0861,

166.8788, 197.4486

189.4063,
205.9731, 242.3535

■ 17.4860, 19.7835,
25.4513

■ 17.4860, 19.7835,
25.4513

■ 15.6858, 18.2846,
25.2572

■ 19.5455, 21.4345,
25.6618

■ 14.1312, 16.9290,
25.0775

■ 21.8736, 23.2411,
25.8878

■ 12.8102, 15.7110,
24.9120

■ 24.4811, 25.2094,
26.1302

■ 11.7087, 14.6231,
24.7601

■ 27.3780, 27.3448,
26.3897

■ 10.8112, 13.6573,
24.6209

■ 30.5735, 29.6521,
26.6667

■ 10.1001, 12.8041,
24.4937

■ 34.0766, 32.1361,
26.9615

■ 9.5543, 12.0526,
24.3775

■ 37.8956, 34.8013,
27.2746

■ 9.2281, 11.5711,
24.3017

■ 42.0390, 37.6520,
27.6065

■ 46.5144, 40.6926,
27.9575

Harmonies

Analogous

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



17.0474, 19.7835, 22.8333



17.4860, 19.7835, 25.4513



18.2847, 19.7835, 27.0921

Triad

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



17.4860, 19.7835, 25.4513



20.6534, 19.7835, 23.0759



18.3645, 19.7835, 16.7523

Complementary

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



17.4860, 19.7835, 25.4513



17.8560, 17.1998, 15.2113

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.



19.3322, 19.7835, 16.8050



17.4860, 19.7835, 25.4513



20.6765, 19.7835, 20.2982

Square

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



17.4860, 19.7835, 25.4513



20.1236, 19.7835, 25.6420



20.1858, 19.7835, 18.0530



17.5427, 19.7835, 17.9021

Rectangle

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



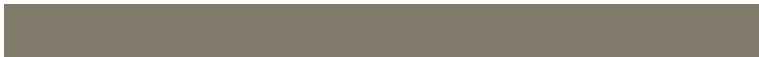
17.4860, 19.7835, 25.4513



18.9247, 19.7835, 27.3298



20.1858, 19.7835, 18.0530



18.6831, 19.7835, 16.6332

Sweetspot

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



17.4866, 19.7843, 25.4517



36.8311, 39.6343, 45.4474



16.9182, 21.0538, 17.8437



8.2555, 8.8966, 10.2348



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.



17.4866, 19.7843, 25.4517



29.0146, 33.3766, 44.6515



15.6674, 16.1459, 24.8454



4.7149, 5.1053, 5.9377



8.6561, 10.8600, 22.7767



0.0354, 0.0484, 0.0807

Inverse Universe

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



18.5131, 16.3017, 22.2503



31.1972, 26.1829, 37.7966



19.6412, 20.7702, 15.8064



4.8141, 4.7453, 5.6334



11.5473, 5.6833, 12.7204



0.0427, 0.0208, 0.0585

Previews

White Background



This preview shows how the XYZ color 17.4860, 19.7835, 25.4513 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 17.4860, 19.7835, 25.4513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

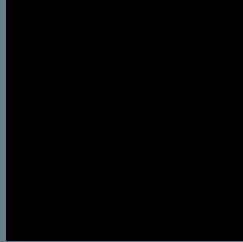
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4860, 19.7835, 25.4513

Background



This preview shows how black text looks on a background with the XYZ color 17.4860, 19.7835, 25.4513.



This preview shows how white text looks on a background with the XYZ color 17.4860, 19.7835,

25.4513.

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

17.4860, 19.7835, 25.4513

Protanopia

19.0823, 19.6953, 24.2686

Deuteranopia

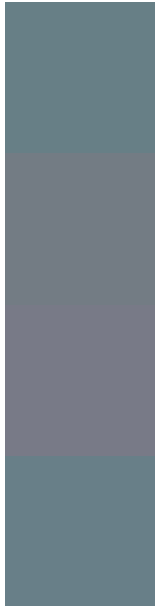
20.0940, 19.6384, 26.0241



Tritanopia

17.8136, 19.9279, 26.5745

Trichromacy



Original Color

17.4860, 19.7835, 25.4513

Protanomaly

18.4427, 19.7261, 24.6653

Deuteranomaly

19.0784, 19.6614, 25.7112

Tritanomaly

17.7422, 19.8994, 26.1984

Monochromacy



Original Color

17.4860, 19.7835, 25.4513

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7883, 19.2497, 22.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4860, 19.7835, 25.4513 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(103, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.4860, 19.7835, 25.4513 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(103, 127, 134) }
```


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

```
.border{ border-color:rgb(103, 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(103, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 127, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 127, 134); box-shadow:4px 4px 4px 4px rgb(103, 127, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4860, 19.7835, 25.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 127, 134) }
```

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

```
.background{ background-color: rgb(103,  
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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