

Converting Colors

XYZ(17.4528, 19.4805, 25.9317)

Have a look what the booklet for
XYZ(17.4528, 19.4805, 25.9317)
contains.

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Color

**XYZ(17.4275, 19.5545,
25.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	677E87
RGB	103, 126, 135
RGB Percent	40%, 49%, 53%
CMY	0.5961, 0.5059, 0.4706
CMYK	0.24, 0.07, 0.00, 0.47
HSL	197°, 13%, 47%
HSV	197°, 24%, 53%
XYZ	17.4275, 19.5545, 25.7775
YIQ	120.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

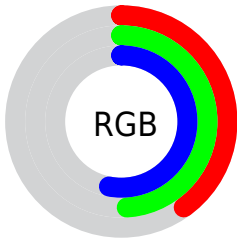
Format	Color
R_{YB}	103, 116, 135
Decimal	6782599
CIE _{Lab}	51.33, -6.16, -7.64
CIE _{LCh}	51, 9.813, 231.120
Yxy	19.5545, 0.2777, 0.3116
Android (android.graphics.Color)	4284972679 (0xFF677E87)
YUV	120.1490, 7.3215, -15.0397
Hunter-Lab	44.2205, -7.0381, -3.6077

Details

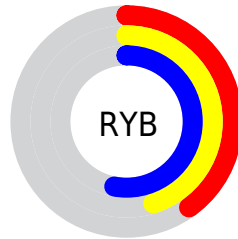
The XYZ color **17.4275, 19.5545, 25.7775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2342, 17.7185, 15.2913**, and the grayscale version is **17.8818, 18.8130, 20.4874**.

A 20% lighter version of the original color is **38.7148, 42.8396, 53.8053**, and **5.8691, 6.7759, 9.5929** is the 20% darker color. If you saturate the color by 10%, you get **15.5262, 17.8678, 25.5525**, and if you desaturate by 10%, it is **19.5984, 21.4085, 26.0213**.

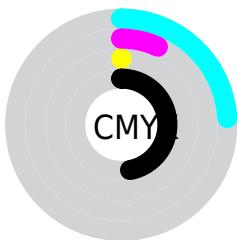
Distribution



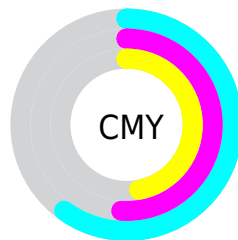
- Red (40%)
- Green (49%)
- Blue (53%)



- Red (40%)
- Yellow (45%)
- Blue (53%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4275, 19.5545, 25.7775 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 17.4275, 19.5545, 25.7775 by changing the saturation by 10% instead.

■ 17.4275, 19.5545,
25.7775

■ 17.4275, 19.5545,
25.7775

230.7326,
249.4930, 295.2588

■ 10.6369, 12.0716,
16.4330

■ 38.5971, 42.6690,
53.8955

■ 5.8888, 6.7925,
9.6734

■ 53.7069, 59.0694,
73.5060

■ 2.8176, 3.3327,
5.0802

■ 72.3205, 79.2111,
97.3756

■ 1.0580, 1.3078,
2.2348

■ 94.8032, 103.4785,
125.9228

■ 0.0000, 0.1472,
0.6944

121.5204,
132.2560, 159.5662

■ 0.0000, 0.0000,
0.0000

152.8375,

165.9280, 198.7243

189.1197,
204.8789, 243.8156

■ 17.4275, 19.5545,
25.7775

■ 17.4275, 19.5545,
25.7775

■ 15.5262, 17.8678,
25.5525

■ 19.5984, 21.4085,
26.0213

■ 13.8806, 16.3395,
25.3442

■ 22.0486, 23.4337,
26.2830

■ 12.4782, 14.9633,
25.1525

■ 24.7893, 25.6366,
26.5638

■ 11.3045, 13.7314,
24.9766

■ 27.8307, 28.0226,
26.8640

■ 10.3434, 12.6353,
24.8157

■ 31.1824, 30.5972,
27.1843

■ 9.5768, 11.6652,
24.6688

■ 34.8535, 33.3652,
27.5251

■ 8.9822, 10.8093,
24.5349

■ 38.8528, 36.3314,
27.8869

■ 8.6515, 10.3058,
24.4552

■ 43.1888, 39.5006,
28.2700

■ 47.8696, 42.8770,
28.6750

Harmonies

Analogous

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



16.8822, 19.5545, 23.2970



17.4275, 19.5545, 25.7775



18.2965, 19.5545, 27.0842

Triad

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



17.4275, 19.5545, 25.7775



20.5116, 19.5545, 22.1359



17.9149, 19.5545, 16.6415

Complementary

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



17.4275, 19.5545, 25.7775



18.2342, 17.7185, 15.2913

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.



18.8785, 19.5545, 16.3899



17.4275, 19.5545, 25.7775



20.4007, 19.5545, 19.4046

Square

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



17.4275, 19.5545, 25.7775



20.0926, 19.5545, 24.8637



19.7947, 19.5545, 17.3588



17.1566, 19.5545, 18.0790

Rectangle

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



17.4275, 19.5545, 25.7775



18.9520, 19.5545, 27.0412



19.7947, 19.5545, 17.3588



18.2247, 19.5545, 16.4207

Sweetspot

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



17.4281, 19.5553, 25.7779



37.9111, 40.6768, 46.9016



17.1565, 21.3713, 18.4145



8.7308, 9.3799, 10.8567



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.



17.4281, 19.5553, 25.7779



29.4742, 33.4950, 45.9601



15.5935, 15.8860, 25.1664



4.6939, 5.0634, 5.9307



7.9892, 9.5263, 22.5544



0.0339, 0.0454, 0.0802

Inverse Universe

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



18.6082, 16.3582, 21.9162



31.9720, 26.9336, 37.7410



20.0986, 21.4474, 15.9128



4.8035, 4.7411, 5.5777



11.2107, 5.5486, 10.9478



0.0420, 0.0205, 0.0544

Previews

White Background



This preview shows how the XYZ color 17.4275, 19.5545, 25.7775 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 17.4275, 19.5545, 25.7775 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

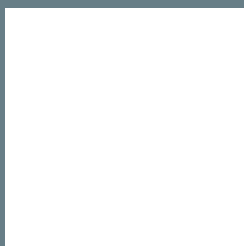
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4275, 19.5545, 25.7775

Background



This preview shows how black text looks on a background with the XYZ color 17.4275, 19.5545, 25.7775.



This preview shows how white text looks on a background with the XYZ color 17.4275, 19.5545,

25.7775.

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

17.4275, 19.5545, 25.7775

Protanopia

18.8874, 19.4056, 24.5800

Deuteranopia

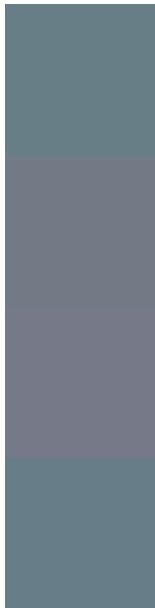
19.7932, 19.4833, 26.0100



Tritanopia

17.4983, 19.5828, 26.1502

Trichromacy



Original Color

17.4275, 19.5545, 25.7775

Protanomaly

18.2560, 19.4368, 24.9798

Deuteranomaly

18.8747, 19.5482, 26.0709

Tritanomaly

17.4983, 19.5828, 26.1502

Monochromacy



Original Color

17.4275, 19.5545, 25.7775

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6006, 18.9771, 22.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4275, 19.5545, 25.7775 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, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 126, 135)  
}
```

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, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 126, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.4275, 19.5545, 25.7775 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, 126, 135) }
```


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

```
.border{ border-color:rgb(103, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 126, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 126, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 126,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4275, 19.5545, 25.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 126, 135) }
```

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

```
.background{ background-color: rgb(103,  
126, 135) }
```

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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