

Converting Colors

XYZ(17.5138, 19.3338, 25.0464)

Have a look what the booklet for
XYZ(17.5138, 19.3338, 25.0464)
contains.

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Color

**XYZ(17.5111, 19.4249,
25.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7D85
RGB	106, 125, 133
RGB Percent	42%, 49%, 52%
CMY	0.5843, 0.5098, 0.4784
CMYK	0.20, 0.06, 0.00, 0.48
HSL	198°, 11%, 47%
HSV	198°, 20%, 52%
XYZ	17.5111, 19.4249, 25.0167
YIQ	120.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

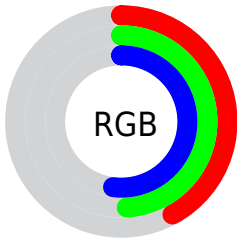
Format	Color
R_{YB}	106, 117, 133
Decimal	6978949
CIE _{Lab}	51.18, -5.06, -6.67
CIE _{LCh}	51, 8.372, 232.783
Yxy	19.4249, 0.2827, 0.3135
Android (android.graphics.Color)	4285169029 (0xFF6A7D85)
YUV	120.2310, 6.2951, -12.4806
Hunter-Lab	44.0737, -6.2084, -2.8021

Details

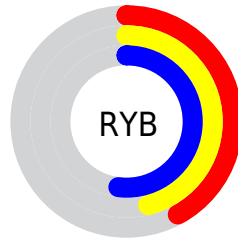
The XYZ color **17.5111, 19.4249, 25.0167** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2918, 18.0616, 16.1582**, and the grayscale version is **17.9107, 18.8434, 20.5205**.

A 20% lighter version of the original color is **38.8839, 42.6551, 52.6382**, and **5.9296, 6.7085, 9.3699** is the 20% darker color. If you saturate the color by 10%, you get **15.5627, 17.6952, 24.7858**, and if you desaturate by 10%, it is **19.7256, 21.3222, 25.2665**.

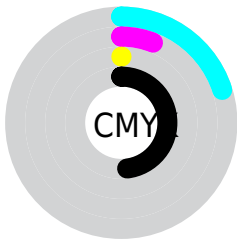
Distribution



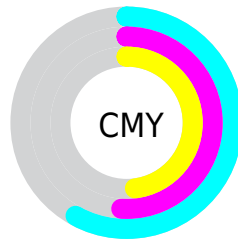
- Red (42%)
- Green (49%)
- Blue (52%)



- Red (42%)
- Yellow (46%)
- Blue (52%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5111, 19.4249, 25.0167 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 17.5111, 19.4249, 25.0167 by changing the saturation by 10% instead.

■ 17.5111, 19.4249,
25.0167

■ 17.5111, 19.4249,
25.0167

231.2000,
248.7845, 291.3714

■ 10.6971, 11.9777,
15.8704

■ 38.7391, 42.4509,
52.6488

■ 5.9293, 6.7285,
9.2791

■ 53.8839, 58.7984,
71.9716

■ 2.8424, 3.2929,
4.8244

■ 72.5362, 78.8815,
95.5236

■ 1.0710, 1.2865,
2.0877

■ 95.0616, 103.0846,
123.7235

■ 0.0006, 0.1307,
0.6084

121.8253,
131.7921, 156.9896

■ 0.0000, 0.0000,
0.0000

153.1927,

165.3883, 195.7407

189.5291,
204.2576, 240.3951

■ 17.5111, 19.4249,
25.0167

■ 17.5111, 19.4249,
25.0167

■ 15.5627, 17.6952,
24.7858

■ 19.7256, 21.3222,
25.2665

■ 13.8673, 16.1244,
24.5720

■ 22.2152, 23.3905,
25.5345

■ 12.4129, 14.7065,
24.3750

■ 24.9906, 25.6362,
25.8217

■ 11.1861, 13.4344,
24.1941

■ 28.0616, 28.0646,
26.1286

■ 10.1721, 12.2999,
24.0286

■ 31.4371, 30.6807,
26.4556

■ 9.3540, 11.2940,
23.8775

■ 35.1260, 33.4893,
26.8033

■ 8.7123, 10.4064,
23.7400

■ 39.1367, 36.4951,
27.1721

■ 8.2012, 9.6285,
23.6168

■ 43.4771, 39.7024,
27.5624

■ 48.1551, 43.1157,
27.9747

Harmonies

Analogous

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



17.0254, 19.4249, 22.9765



17.5111, 19.4249, 25.0167



18.2623, 19.4249, 26.0341

Triad

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



17.5111, 19.4249, 25.0167



20.0974, 19.4249, 21.7318



17.8496, 19.4249, 17.1977

Complementary

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



17.5111, 19.4249, 25.0167



18.2918, 18.0616, 16.1582

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.



18.6647, 19.4249, 16.9192



17.5111, 19.4249, 25.0167



19.9788, 19.4249, 19.4238

Square

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



17.5111, 19.4249, 25.0167



19.7676, 19.4249, 24.0472



19.4483, 19.4249, 17.7045



17.2167, 19.4249, 18.4961

Rectangle

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



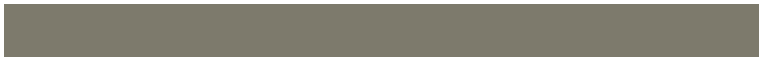
17.5111, 19.4249, 25.0167



18.8194, 19.4249, 25.9454



19.4483, 19.4249, 17.7045



18.1107, 19.4249, 16.9859

Sweetspot

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



17.5117, 19.4257, 25.0171



37.1195, 39.6876, 45.4425



17.3491, 21.0465, 18.9636



8.3107, 8.8979, 10.2321



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.



17.5117, 19.4257, 25.0171



29.8211, 33.4359, 44.6204



15.9554, 16.3132, 24.4984



4.6882, 5.0521, 5.9288



7.8189, 9.1856, 22.4976



0.0334, 0.0445, 0.0801

Inverse Universe

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



18.5290, 16.7757, 21.6645



31.9836, 27.9497, 37.4609



19.8834, 21.2450, 16.6887



4.8007, 4.7400, 5.5627



11.1247, 5.5142, 10.4951



0.0418, 0.0204, 0.0533

Previews

White Background



This preview shows how the XYZ color 17.5111, 19.4249, 25.0167 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 17.5111, 19.4249, 25.0167 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

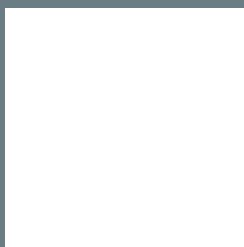
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5111, 19.4249, 25.0167

Background



This preview shows how black text looks on a background with the XYZ color 17.5111, 19.4249, 25.0167.



This preview shows how white text looks on a background with the XYZ color 17.5111, 19.4249,

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

17.5111, 19.4249, 25.0167

Protanopia

18.7518, 19.3514, 23.8660

Deuteranopia

19.6836, 19.2673, 25.2358



Tritanopia

17.6506, 19.4807, 25.7515

Trichromacy



Original Color

17.5111, 19.4249, 25.0167

Protanomaly

18.2587, 19.2708, 24.2300

Deuteranomaly

18.8862, 19.3890, 25.3013

Tritanomaly

17.5805, 19.4526, 25.3824

Monochromacy



Original Color

17.5111, 19.4249, 25.0167

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7314, 19.0446, 22.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5111, 19.4249, 25.0167 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(106, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 125, 133)  
}
```

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(106, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.5111, 19.4249, 25.0167 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(106, 125, 133) }
```


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

```
.border{ border-color:rgb(106, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(106, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5111, 19.4249, 25.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 125, 133) }
```

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

```
.background{ background-color: rgb(106,  
125, 133) }
```

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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