

Converting Colors

XYZ(17.2025, 18.4964, 25.0891)

Have a look what the booklet for
XYZ(17.2025, 18.4964, 25.0891)
contains.

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Color

**XYZ(17.2039, 18.5218,
25.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7986
RGB	107, 121, 134
RGB Percent	42%, 47%, 53%
CMY	0.5804, 0.5255, 0.4745
CMYK	0.20, 0.10, 0.00, 0.47
HSL	209°, 11%, 47%
HSV	209°, 20%, 53%
XYZ	17.2039, 18.5218, 25.2226
YIQ	118.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

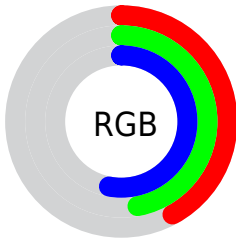
Format	Color
R_{YB}	107, 116, 134
Decimal	7043462
CIE _{Lab}	50.12, -2.18, -8.83
CIE _{LCh}	50, 9.090, 256.137
Yxy	18.5218, 0.2823, 0.3039
Android (android.graphics.Color)	4285233542 (0xFF6B7986)
YUV	118.2960, 7.7421, -9.9066
Hunter-Lab	43.0370, -3.9598, -4.6221

Details

The XYZ color **17.2039, 18.5218, 25.2226** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2021, 19.5629, 16.6744**, and the grayscale version is **17.2924, 18.1930, 19.8122**.

A 20% lighter version of the original color is **38.2113, 40.8459, 52.8838**, and **5.7864, 6.3350, 9.3053** is the 20% darker color. If you saturate the color by 10%, you get **14.9582, 16.2393, 24.9007**, and if you desaturate by 10%, it is **19.7529, 21.0394, 25.5745**.

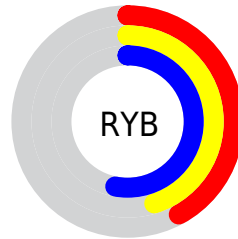
Distribution



Red (42%)

Green (47%)

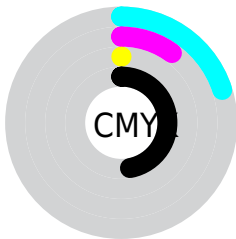
Blue (53%)



Red (42%)

Yellow (45%)

Blue (53%)

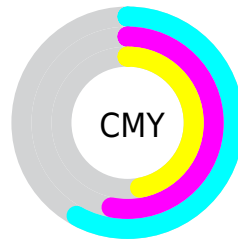


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2039, 18.5218, 25.2226 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 17.2039, 18.5218, 25.2226 by changing the saturation by 10% instead.

■ 17.2039, 18.5218,
25.2226

■ 17.2039, 18.5218,
25.2226

229.4781,
243.7960, 292.4278

■ 10.4762, 11.3253,
16.0224

■ 38.2168, 40.9245,
52.9867

■ 5.7805, 6.2861,
9.3855

■ 53.2328, 56.8994,
72.3877

■ 2.7514, 3.0198,
4.8932

■ 71.7421, 76.5692,
96.0262

■ 1.0237, 1.1421,
2.1271

■ 94.1103, 100.3184,
124.3205

■ 0.0000, 0.0136,
0.6318

120.7026,
128.5312, 157.6893

■ 0.0000, 0.0000,
0.0000

151.8844,

161.5922, 196.5511

188.0211,
199.8856, 241.3244

■ 17.2039, 18.5218,
25.2226

■ 17.2039, 18.5218,
25.2226

■ 14.9582, 16.2393,
24.9007

■ 19.7529, 21.0394,
25.5745

■ 13.0016, 14.1818,
24.6067

■ 22.6151, 23.7973,
25.9560

■ 11.3212, 12.3414,
24.3400

■ 25.8023, 26.8035,
26.3682

■ 9.9026, 10.7091,
24.0997

■ 29.3249, 30.0647,
26.8121

■ 8.7296, 9.2750,
23.8847

■ 33.1928, 33.5875,
27.2882

■ 7.7843, 8.0281,
23.6939

■ 37.4158, 37.3781,
27.7972

■ 7.0458, 6.9558,
23.5258

■ 42.0030, 41.4425,
28.3400

■ 6.4614, 6.0378,
23.3794

■ 46.9632, 45.7867,
28.9171

■ 52.3050, 50.4161,
29.5291

Harmonies

Analogous

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



16.4628, 18.5218, 23.8491



17.2039, 18.5218, 25.2226



18.0767, 18.5218, 25.1651

Triad

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



17.2039, 18.5218, 25.2226



19.2726, 18.5218, 18.8558



16.4177, 18.5218, 17.0056

Complementary

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



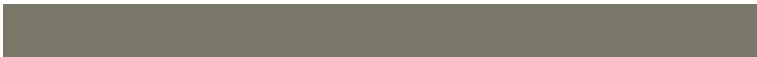
17.2039, 18.5218, 25.2226



19.2021, 19.5629, 16.6744

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.



17.1404, 18.5218, 15.8789



17.2039, 18.5218, 25.2226



18.7976, 18.5218, 16.8850

Square

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



17.2039, 18.5218, 25.2226



19.2909, 18.5218, 21.3452



18.0111, 18.5218, 15.8367



16.0192, 18.5218, 19.0332

Rectangle

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



17.2039, 18.5218, 25.2226



18.6166, 18.5218, 24.3193



18.0111, 18.5218, 15.8367



16.6296, 18.5218, 16.5166

Sweetspot

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



17.2045, 18.5226, 25.2230



36.7600, 38.9687, 45.3226



17.9549, 21.5228, 20.8507



8.2230, 8.7226, 10.2029



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.



17.2045, 18.5226, 25.2230



28.5146, 30.8228, 44.1849



15.7190, 15.5516, 24.7279



4.6193, 4.9143, 5.9058



6.0660, 5.6798, 21.9133



0.0283, 0.0343, 0.0784

Inverse Universe

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



18.5409, 16.9647, 20.3873



31.3241, 27.6859, 33.9881



20.8869, 22.9327, 17.2360



4.7659, 4.7260, 5.3795



10.2400, 5.1603, 5.8359



0.0392, 0.0194, 0.0396

Previews

White Background



This preview shows how the XYZ color 17.2039, 18.5218, 25.2226 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 17.2039, 18.5218, 25.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

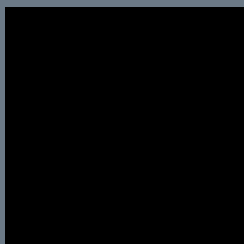
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

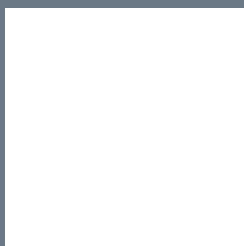
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2039, 18.5218, 25.2226

Background



This preview shows how black text looks on a background with the XYZ color 17.2039, 18.5218, 25.2226.



This preview shows how white text looks on a background with the XYZ color 17.2039, 18.5218,

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

17.2039, 18.5218, 25.2226

Protanopia

17.9794, 18.4047, 24.4346

Deuteranopia

18.7869, 18.4510, 25.4929



Tritanopia

16.8780, 18.3776, 24.1304

Trichromacy



Original Color

17.2039, 18.5218, 25.2226

Protanomaly

17.6405, 18.3978, 24.8117

Deuteranomaly

18.1877, 18.4880, 25.5316

Tritanomaly

16.9461, 18.4049, 24.4891

Monochromacy



Original Color

17.2039, 18.5218, 25.2226

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1743, 18.2263, 21.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2039, 18.5218, 25.2226 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(107, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 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(107, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.2039, 18.5218, 25.2226 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(107, 121, 134) }
```


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

```
.border{ border-color:rgb(107, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2039, 18.5218, 25.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 134) }
```

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

```
.background{ background-color: rgb(107,  
121, 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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