

Converting Colors

XYZ(17.1204, 18.8271, 26.0242)

Have a look what the booklet for
XYZ(17.1204, 18.8271, 26.0242)
contains.

XYZ(17.1204, 18.8271, 26.0242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1204, 18.8271,
26.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	677B88
RGB	103, 123, 136
RGB Percent	40%, 48%, 53%
CMY	0.5961, 0.5176, 0.4667
CMYK	0.24, 0.10, 0.00, 0.47
HSL	204°, 14%, 47%
HSV	204°, 24%, 53%
XYZ	17.1204, 18.8271, 26.0242
YIQ	118.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

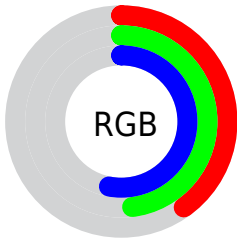
Format	Color
R_{YB}	103, 115, 136
Decimal	6781832
CIE _{Lab}	50.48, -4.19, -9.49
CIE _{LCh}	50, 10.376, 246.159
Yxy	18.8271, 0.2763, 0.3038
Android (android.graphics.Color)	4284971912 (0xFF677B88)
YUV	118.5020, 8.6265, -13.5953
Hunter-Lab	43.3902, -5.5024, -5.1873

Details

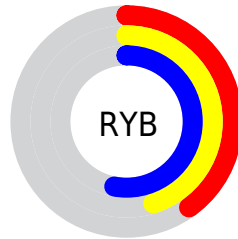
The XYZ color **17.1204, 18.8271, 26.0242** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8470, 18.7042, 15.4492**, and the grayscale version is **17.3552, 18.2591, 19.8841**.

A 20% lighter version of the original color is **38.0328, 41.3026, 54.1118**, and **5.7040, 6.3817, 9.7352** is the 20% darker color. If you saturate the color by 10%, you get **15.0392, 16.7950, 25.7420**, and if you desaturate by 10%, it is **19.4928, 21.0643, 26.3313**.

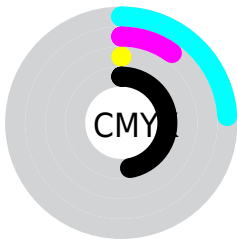
Distribution



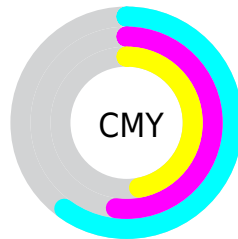
- Red (40%)
- Green (48%)
- Blue (53%)



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



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1204, 18.8271, 26.0242 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 17.1204, 18.8271, 26.0242 by changing the saturation by 10% instead.

■ 17.1204, 18.8271,
26.0242

■ 17.1204, 18.8271,
26.0242

229.0080,
245.4926, 296.5101

■ 10.4162, 11.5454,
16.6158

■ 38.0746, 41.4417,
54.2985

■ 5.7402, 6.4349,
9.8019

■ 53.0554, 57.5435,
74.0016

■ 2.7269, 3.1113,
5.1639

■ 71.5257, 77.3540,
97.9733

■ 1.0110, 1.1901,
2.2833

■ 93.8509, 101.2577,
126.6321

■ 0.0000, 0.0536,
0.7219

120.3964,
129.6391, 160.3967

■ 0.0000, 0.0000,
0.0000

151.5275,

162.8824, 199.6855

187.6096,
201.3721, 244.9172

■ 17.1204, 18.8271,
26.0242

■ 17.1204, 18.8271,
26.0242

■ 15.0392, 16.7950,
25.7420

■ 19.4928, 21.0643,
26.3313

■ 13.2348, 14.9582,
25.4825

■ 22.1668, 23.5113,
26.6627

■ 11.6939, 13.3095,
25.2455

■ 25.1542, 26.1755,
27.0195

■ 10.4012, 11.8402,
25.0300

■ 28.4657, 29.0633,
27.4023

■ 9.3400, 10.5406,
24.8351

■ 32.1113, 32.1805,
27.8119

■ 8.4911, 9.4000,
24.6597

■ 36.1009, 35.5330,
28.2487

■ 7.8300, 8.4047,
24.5024

■ 40.4437, 39.1264,
28.7134

■ 7.4940, 7.8776,
24.4184

■ 45.1486, 42.9659,
29.2065

■ 50.2243, 47.0567,
29.7286

Harmonies

Analogous

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



16.3707, 18.8271, 23.9624



17.1204, 18.8271, 26.0242



18.1039, 18.8271, 26.5469

Triad

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



17.1204, 18.8271, 26.0242



19.8974, 18.8271, 19.9081



16.7721, 18.8271, 16.3256

Complementary

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



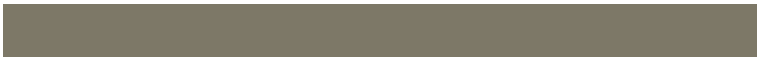
17.1204, 18.8271, 26.0242



18.8470, 18.7042, 15.4492

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.



17.6869, 18.8271, 15.4482



17.1204, 18.8271, 26.0242



19.5102, 18.8271, 17.3874

Square

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



17.1204, 18.8271, 26.0242



19.7319, 18.8271, 22.8328



18.6918, 18.8271, 15.8179



16.1750, 18.8271, 18.3308

Rectangle

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



17.1204, 18.8271, 26.0242



18.7652, 18.8271, 25.9128



18.6918, 18.8271, 15.8179



17.0513, 18.8271, 15.8981

Sweetspot

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



17.1210, 18.8279, 26.0246



37.6474, 40.1493, 46.8137



17.5301, 21.7450, 19.6901



8.6658, 9.2499, 10.8350



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.



17.1210, 18.8279, 26.0246



28.1416, 31.2142, 45.5901



15.2799, 15.1456, 25.4109



5.0102, 5.3634, 6.3770



7.1020, 7.4742, 23.1140



0.0615, 0.0783, 0.1583

Inverse Universe

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



18.5792, 16.3652, 20.9194



31.2055, 26.2677, 34.8123



20.8735, 22.7571, 16.1247



5.1518, 5.0962, 5.8878



11.0715, 5.5387, 8.1471



0.0808, 0.0397, 0.0922

Previews

White Background



This preview shows how the XYZ color 17.1204, 18.8271, 26.0242 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 17.1204, 18.8271, 26.0242 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

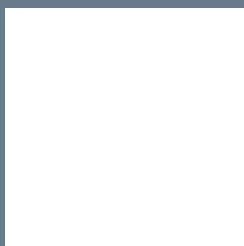
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1204, 18.8271, 26.0242

Background



This preview shows how black text looks on a background with the XYZ color 17.1204, 18.8271, 26.0242.

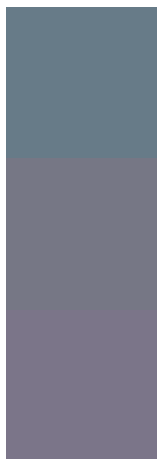


This preview shows how white text looks on a background with the XYZ color 17.1204, 18.8271,

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

17.1204, 18.8271, 26.0242

Protanopia

18.3017, 18.7387, 24.8426

Deuteranopia

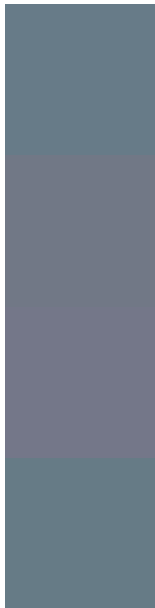
19.0450, 18.7397, 26.2802



Tritanopia

16.7961, 18.6842, 24.9115

Trichromacy



Original Color

17.1204, 18.8271, 26.0242

Protanomaly

17.8296, 18.6649, 25.2172

Deuteranomaly

18.3146, 18.7128, 26.3136

Tritanomaly

16.8655, 18.7119, 25.2771

Monochromacy



Original Color

17.1204, 18.8271, 26.0242

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2282, 18.4243, 22.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1204, 18.8271, 26.0242 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, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(103, 123, 136)  
}
```

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, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 17.1204, 18.8271, 26.0242 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, 123, 136) }
```


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

```
.border{ border-color:rgb(103, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(103, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1204, 18.8271, 26.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 123, 136) }
```

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

```
.background{ background-color: rgb(103,  
123, 136) }
```

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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