

Converting Colors

XYZ(17.1360, 18.6414, 24.6899)

Have a look what the booklet for
XYZ(17.1360, 18.6414, 24.6899)
contains.

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Color

**XYZ(17.1878, 18.7108,
24.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7A84
RGB	107, 122, 132
RGB Percent	42%, 48%, 52%
CMY	0.5804, 0.5216, 0.4824
CMYK	0.19, 0.08, 0.00, 0.48
HSL	204°, 10%, 47%
HSV	204°, 19%, 52%
XYZ	17.1878, 18.7108, 24.5354
YIQ	118.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

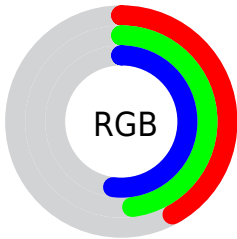
Format	Color
R_{YB}	107, 116, 132
Decimal	7043716
CIE _{Lab}	50.35, -3.23, -7.31
CIE _{LCh}	50, 7.996, 246.154
Yxy	18.7108, 0.2844, 0.3096
Android (android.graphics.Color)	4285233796 (0xFF6B7A84)
YUV	118.6550, 6.5791, -10.2214
Hunter-Lab	43.2560, -4.7708, -3.3509

Details

The XYZ color **17.1878, 18.7108, 24.5354** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5310, 18.6897, 16.5411**, and the grayscale version is **17.4087, 18.3153, 19.9454**.

A 20% lighter version of the original color is **38.1911, 41.1458, 51.8280**, and **5.7475, 6.3194, 9.1005** is the 20% darker color. If you saturate the color by 10%, you get **15.0898, 16.6934, 24.2569**, and if you desaturate by 10%, it is **19.5645, 20.9251, 24.8378**.

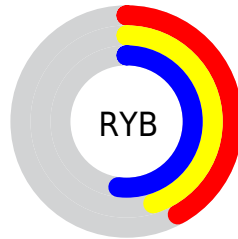
Distribution



Red (42%)

Green (48%)

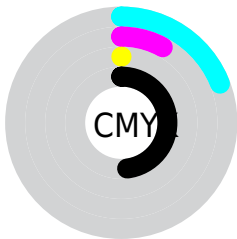
Blue (52%)



Red (42%)

Yellow (45%)

Blue (52%)

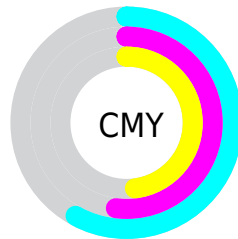


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (58%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1878, 18.7108, 24.5354 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 17.1878, 18.7108, 24.5354 by changing the saturation by 10% instead.

■ 17.1878, 18.7108,
24.5354

■ 17.1878, 18.7108,
24.5354

229.3875,
244.8475, 288.8895

■ 10.4646, 11.4615,
15.5154

■ 38.1894, 41.2448,
51.8572

■ 5.7727, 6.3781,
9.0313

■ 53.1986, 57.2984,
70.9961

■ 2.7467, 3.0764,
4.6645

■ 71.7004, 77.0554,
94.3451

■ 1.0213, 1.1717,
1.9965

■ 94.0603, 100.9004,
122.3226

■ 0.0000, 0.0384,
0.5531

120.6436,
129.2177, 155.3473

■ 0.0000, 0.0000,
0.0000

151.8157,

162.3918, 193.8376

187.9418,
200.8069, 238.2122

■ 17.1878, 18.7108,
24.5354

■ 17.1878, 18.7108,
24.5354

■ 15.0898, 16.6934,
24.2569

■ 19.5645, 20.9251,
24.8378

■ 13.2572, 14.8638,
24.0003

■ 22.2289, 23.3404,
25.1636

■ 11.6783, 13.2156,
23.7654

■ 25.1918, 25.9634,
25.5137

■ 10.3396, 11.7410,
23.5513

■ 28.4629, 28.8000,
25.8888

■ 9.2265, 10.4315,
23.3572

■ 32.0515, 31.8555,
26.2895

■ 8.3222, 9.2777,
23.1822

■ 35.9662, 35.1354,
26.7162

■ 7.6078, 8.2688,
23.0251

■ 40.2157, 38.6447,
27.1696

■ 7.0342, 7.3785,
22.8835

■ 44.8080, 42.3883,
27.6502

■ 6.9760, 7.2881,
22.8691

■ 49.7510, 46.3709,
28.1584

Harmonies

Analogous

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



16.6066, 18.7108, 22.9986



17.1878, 18.7108, 24.5354



17.9445, 18.7108, 24.9223

Triad

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



17.1878, 18.7108, 24.5354



19.3087, 18.7108, 19.9183



16.9185, 18.7108, 17.1145

Complementary

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



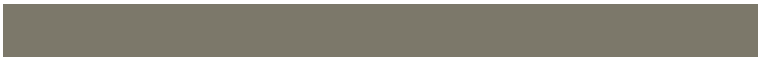
17.1878, 18.7108, 24.5354



18.5310, 18.6897, 16.5411

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.



17.6246, 18.7108, 16.4138



17.1878, 18.7108, 24.5354



19.0159, 18.7108, 17.9550

Square

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



17.1878, 18.7108, 24.5354



19.1836, 18.7108, 22.1492



18.3939, 18.7108, 16.7100



16.4543, 18.7108, 18.6941

Rectangle

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



17.1878, 18.7108, 24.5354



18.4497, 18.7108, 24.4531



18.3939, 18.7108, 16.7100



17.1346, 18.7108, 16.7738

Sweetspot

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



17.1884, 18.7116, 24.5358



35.7266, 38.0160, 43.9080



17.5015, 20.9032, 19.8141



8.2614, 8.7994, 10.2157



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.



17.1884, 18.7116, 24.5358



28.5263, 31.2916, 42.9896



15.7956, 15.9261, 24.0716



4.6495, 4.9746, 5.9159



6.7597, 7.0672, 22.1445



0.0306, 0.0388, 0.0791

Inverse Universe

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



18.2867, 16.8265, 20.6972



30.8806, 27.3941, 34.7295



20.0311, 21.6899, 17.0412



4.7811, 4.7321, 5.4596



10.5901, 5.3004, 7.6798



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 17.1878, 18.7108, 24.5354 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 17.1878, 18.7108, 24.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

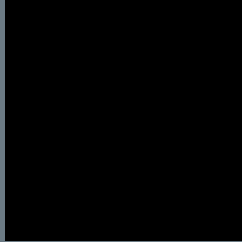
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

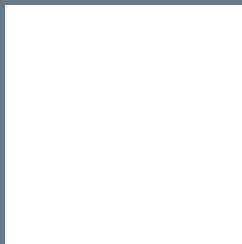
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1878, 18.7108, 24.5354

Background



This preview shows how black text looks on a background with the XYZ color 17.1878, 18.7108, 24.5354.



This preview shows how white text looks on a background with the XYZ color 17.1878, 18.7108,

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

17.1878, 18.7108, 24.5354

Protanopia

18.2338, 18.7273, 23.7728

Deuteranopia

18.9365, 18.5442, 24.7716



Tritanopia

17.1878, 18.7108, 24.5354

Trichromacy



Original Color

17.1878, 18.7108, 24.5354

Protanomaly

17.8834, 18.7165, 24.1428

Deuteranomaly

18.1833, 18.5019, 24.8032

Tritanomaly

17.1878, 18.7108, 24.5354

Monochromacy



Original Color

17.1878, 18.7108, 24.5354

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4248, 18.5330, 21.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1878, 18.7108, 24.5354 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, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 132)  
}
```

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, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.1878, 18.7108, 24.5354 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, 122, 132) }
```


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

```
.border{ border-color:rgb(107, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(107, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1878, 18.7108, 24.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 122, 132) }
```

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

```
.background{ background-color: rgb(107,  
122, 132) }
```

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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