

Converting Colors

XYZ(17.1197, 18.6836, 24.1767)

Have a look what the booklet for
XYZ(17.1197, 18.6836, 24.1767)
contains.

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Color

**XYZ(17.1197, 18.6836,
24.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7A83
RGB	107, 122, 131
RGB Percent	42%, 48%, 51%
CMY	0.5804, 0.5216, 0.4863
CMYK	0.18, 0.07, 0.00, 0.49
HSL	202°, 10%, 47%
HSV	202°, 18%, 51%
XYZ	17.1197, 18.6836, 24.1767
YIQ	118.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

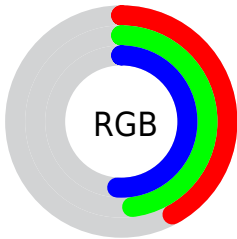
Format	Color
R_{YB}	107, 116, 131
Decimal	7043715
CIE _{Lab}	50.31, -3.47, -6.77
CIE _{LCh}	50, 7.609, 242.887
Yxy	18.6836, 0.2854, 0.3115
Android (android.graphics.Color)	4285233795 (0xFF6B7A83)
YUV	118.5410, 6.1423, -10.1215
Hunter-Lab	43.2245, -4.9454, -2.9054

Details

The XYZ color **17.1197, 18.6836, 24.1767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2594, 18.3776, 16.4952**, and the grayscale version is **17.3741, 18.2789, 19.9058**.

A 20% lighter version of the original color is **38.0859, 41.1037, 51.2739**, and **5.7092, 6.3041, 8.8985** is the 20% darker color. If you saturate the color by 10%, you get **15.0747, 16.7570, 23.9129**, and if you desaturate by 10%, it is **19.4349, 20.7957, 24.4626**.

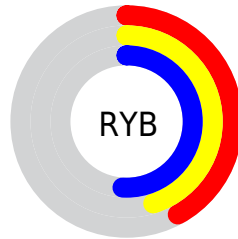
Distribution



Red (42%)

Green (48%)

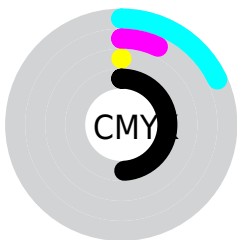
Blue (51%)



Red (42%)

Yellow (45%)

Blue (51%)

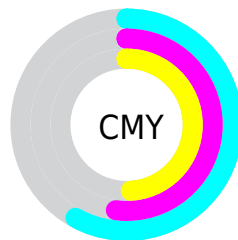


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1197, 18.6836, 24.1767 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 17.1197, 18.6836, 24.1767 by changing the saturation by 10% instead.

■ 17.1197, 18.6836,
24.1767

■ 17.1197, 18.6836,
24.1767

229.0040,
244.6964, 287.0279

■ 10.4157, 11.4419,
15.2513

■ 38.0734, 41.1988,
51.2658

■ 5.7398, 6.3649,
8.8474

■ 53.0539, 57.2410,
70.2667

■ 2.7267, 3.0682,
4.5463

■ 71.5238, 76.9855,
93.4631

■ 1.0109, 1.1674,
1.9296

■ 93.8487, 100.8168,
121.2737

■ 0.0000, 0.0349,
0.5115

120.3938,
129.1191, 154.1169

■ 0.0000, 0.0000,
0.0000

151.5245,

162.2769, 192.4113

187.6061,
200.6745, 236.5754

■ 17.1197, 18.6836,
24.1767

■ 17.1197, 18.6836,
24.1767

■ 15.0747, 16.7570,
23.9129

■ 19.4349, 20.7957,
24.4626

■ 13.2871, 15.0073,
23.6694

■ 22.0292, 23.0971,
24.7701

■ 11.7456, 13.4283,
23.4459

■ 24.9130, 25.5942,
25.1001

■ 10.4371, 12.0127,
23.2416

■ 28.0956, 28.2925,
25.4532

■ 9.3473, 10.7524,
23.0558

■ 31.5859, 31.1973,
25.8299

■ 8.4602, 9.6383,
22.8875

■ 35.3927, 34.3136,
26.2308

■ 7.7575, 8.6603,
22.7358

■ 39.5240, 37.6461,
26.6563

■ 7.1955, 7.7952,
22.5984

■ 43.9877, 41.1995,
27.1069

■ 7.1054, 7.6560,
22.5763

■ 48.7915, 44.9783,
27.5831

Harmonies

Analogous

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



16.5938, 18.6836, 22.6292



17.1197, 18.6836, 24.1767



17.8297, 18.6836, 24.6751

Triad

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



17.1197, 18.6836, 24.1767



19.2125, 18.6836, 20.1394



16.9993, 18.6836, 17.1198

Complementary

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



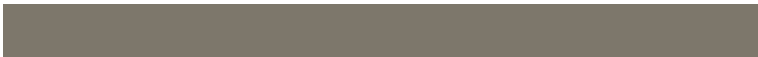
17.1197, 18.6836, 24.1767



18.2594, 18.3776, 16.4952

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, 18.6836, 16.5506



17.1197, 18.6836, 24.1767



18.9759, 18.6836, 18.2167

Square

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



17.1197, 18.6836, 24.1767



19.0506, 18.6836, 22.2510



18.4124, 18.6836, 16.9381



16.5256, 18.6836, 18.5479

Rectangle

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



17.1197, 18.6836, 24.1767



18.3155, 18.6836, 24.3190



18.4124, 18.6836, 16.9381



17.2124, 18.6836, 16.8263

Sweetspot

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



17.1203, 18.6844, 24.1771



36.2368, 38.5233, 43.9790



17.3208, 20.6150, 19.5286



8.3731, 8.9123, 10.2316



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.



17.1203, 18.6844, 24.1771



29.0668, 31.9745, 43.0929



15.7581, 15.9600, 23.7231



4.6588, 4.9932, 5.9190



6.9967, 7.5412, 22.2235



0.0313, 0.0402, 0.0793

Inverse Universe

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



18.1311, 16.7463, 20.6900



31.2506, 27.9143, 35.5308



19.7073, 21.2734, 16.9778



4.7858, 4.7340, 5.4843



10.7097, 5.3482, 8.3097



0.0407, 0.0199, 0.0475

Previews

White Background



This preview shows how the XYZ color 17.1197, 18.6836, 24.1767 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 17.1197, 18.6836, 24.1767 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

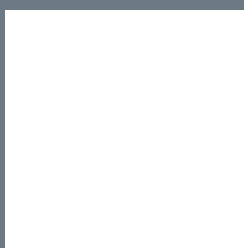
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1197, 18.6836, 24.1767

Background



This preview shows how black text looks on a background with the XYZ color 17.1197, 18.6836, 24.1767.



This preview shows how white text looks on a background with the XYZ color 17.1197, 18.6836,

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

17.1197, 18.6836, 24.1767

Protanopia

18.1670, 18.7006, 23.4209

Deuteranopia

18.8677, 18.5167, 24.4094



Tritanopia

17.1878, 18.7108, 24.5354

Trichromacy



Original Color

17.1197, 18.6836, 24.1767

Protanomaly

17.8160, 18.6895, 23.7875

Deuteranomaly

18.1145, 18.4744, 24.4410

Tritanomaly

17.1878, 18.7108, 24.5354

Monochromacy



Original Color

17.1197, 18.6836, 24.1767

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3619, 18.5078, 21.3962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1197, 18.6836, 24.1767 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.1197, 18.6836, 24.1767 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, 131) }
```


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

```
.border{ border-color:rgb(107, 122, 131) }
```

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, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(107, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1197, 18.6836, 24.1767 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, 131) }
```

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

```
.background{ background-color: rgb(107,  
122, 131) }
```

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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