

Converting Colors

XYZ(17.3746, 18.3416, 21.1671)

Have a look what the booklet for
XYZ(17.3746, 18.3416, 21.1671)
contains.

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Color

**XYZ(17.3121, 18.3118,
21.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	74777A
RGB	116, 119, 122
RGB Percent	45%, 47%, 48%
CMY	0.5451, 0.5333, 0.5216
CMYK	0.05, 0.02, 0.00, 0.52
HSL	210°, 3%, 47%
HSV	210°, 5%, 48%
XYZ	17.3121, 18.3118, 21.0344
YIQ	118.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

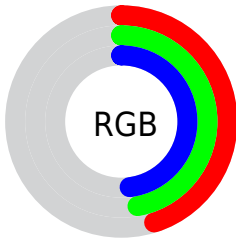
Format	Color
R_{YB}	116, 118, 122
Decimal	7632762
CIE _{Lab}	49.87, -0.51, -2.04
CIE _{LCh}	50, 2.105, 256.120
Yxy	18.3118, 0.3056, 0.3232
Android (android.graphics.Color)	4285822842 (0xFF74777A)
YUV	118.4450, 1.7526, -2.1443
Hunter-Lab	42.7923, -2.6723, 0.8108

Details

The XYZ color **17.3121, 18.3118, 21.0344** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7752, 18.5919, 19.1749**, and the grayscale version is **17.3552, 18.2590, 19.8841**.

A 20% lighter version of the original color is **38.3513, 40.5066, 45.8416**, and **5.8397, 6.2165, 7.1954** is the 20% darker color. If you saturate the color by 10%, you get **15.0935, 16.1260, 20.7297**, and if you desaturate by 10%, it is **19.7913, 20.7021, 21.3654**.

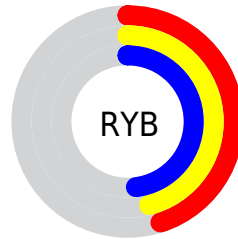
Distribution



Red (45%)

Green (47%)

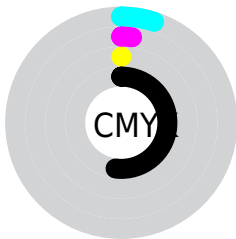
Blue (48%)



Red (45%)

Yellow (46%)

Blue (48%)

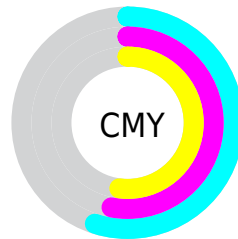


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3121, 18.3118, 21.0344 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 17.3121, 18.3118, 21.0344 by changing the saturation by 10% instead.

■ 17.3121, 18.3118,
21.0344

■ 17.3121, 18.3118,
21.0344

230.0859,
242.6227, 270.2483

■ 10.5539, 11.1741,
12.9577

■ 38.4010, 40.5679,
46.0263

■ 5.8328, 6.1840,
7.2690

■ 53.4624, 56.4551,
63.7786

■ 2.7834, 2.9573,
3.5499

■ 72.0222, 76.0275,
85.5931

■ 1.0403, 1.1095,
1.3818

94.4459, 99.6697,
111.8884

■ 0.0000, 0.0000,
0.1275

121.0988,
127.7658, 143.0830

■ 0.0000, 0.0000,
0.0000

152.3461,

160.7005, 179.5955

188.5534,
198.8579, 221.8444

■ 17.3121, 18.3118,
21.0344

■ 17.3121, 18.3118,
21.0344

■ 15.0935, 16.1260,
20.7297

■ 19.7913, 20.7021,
21.3654

■ 13.1249, 14.1363,
20.4494

■ 22.5381, 23.3001,
21.7221

■ 11.3970, 12.3372,
20.1932

■ 25.5613, 26.1122,
22.1055

■ 9.8996, 10.7220,
19.9604

■ 28.8688, 29.1436,
22.5163

■ 8.6216, 9.2836,
19.7501

■ 32.4680, 32.3993,
22.9550

■ 7.5507, 8.0143,
19.5615

■ 36.3663, 35.8841,
23.4222

■ 6.6737, 6.9056,
19.3938

■ 40.5705, 39.6028,
23.9184

■ 5.9752, 5.9482,
19.2458

■ 45.0875, 43.5600,
24.4441

■ 5.4321, 5.1284,
19.1162

■ 49.9237, 47.7600,
24.9999

Harmonies

Analogous

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



17.1378, 18.3118, 20.7484



17.3121, 18.3118, 21.0344



17.5125, 18.3118, 21.0228

Triad

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



17.3121, 18.3118, 21.0344



17.7794, 18.3118, 19.6322



17.1272, 18.3118, 19.1797

Complementary

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



17.3121, 18.3118, 21.0344



17.7752, 18.5919, 19.1749

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.



17.2975, 18.3118, 18.8920



17.3121, 18.3118, 21.0344



17.6746, 18.3118, 19.1498

Square

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



17.3121, 18.3118, 21.0344



17.7834, 18.3118, 20.2056



17.4979, 18.3118, 18.8812



17.0316, 18.3118, 19.6736

Rectangle

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



17.3121, 18.3118, 21.0344



17.6340, 18.3118, 20.8476



17.4979, 18.3118, 18.8812



17.1776, 18.3118, 19.0561

Sweetspot

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



17.3126, 18.3126, 21.0348



32.1006, 33.8109, 37.2272



17.4860, 18.9618, 20.1599



7.3475, 7.7383, 8.5131



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3126, 18.3126, 21.0348



29.9546, 31.7261, 36.9379



16.9724, 17.6322, 20.9214



4.0973, 4.3405, 5.0650



5.4497, 4.9819, 20.0597



25.1444, 22.0615, 95.4028

Inverse Universe

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



17.6016, 17.9605, 19.9927



30.5863, 30.9640, 34.6580



18.1259, 19.2933, 19.2918



4.1867, 4.2328, 4.7421



9.3341, 4.7098, 5.0503



44.0949, 22.2943, 21.8276

Previews

White Background



This preview shows how the XYZ color 17.3121, 18.3118, 21.0344 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3121, 18.3118, 21.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

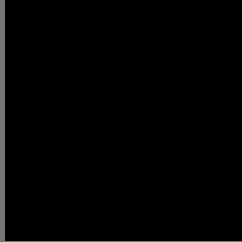
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

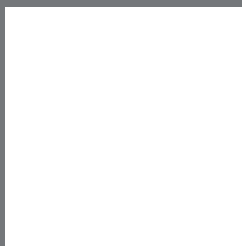
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3121, 18.3118, 21.0344

Background



This preview shows how black text looks on a background with the XYZ color 17.3121, 18.3118, 21.0344.



This preview shows how white text looks on a background with the XYZ color 17.3121, 18.3118,

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

17.3121, 18.3118, 21.0344

Protanopia

17.6754, 18.3304, 20.6957

Deuteranopia

18.6080, 18.2807, 21.2867



Tritanopia

17.6453, 18.2711, 22.6753

Trichromacy

**Original Color**

17.3121, 18.3118, 21.0344

Protanomaly

17.5374, 18.2593, 20.6892

Deuteranomaly

18.1327, 18.2059, 21.2973

Tritanomaly

17.5162, 18.2194, 21.9955

Monochromacy

**Original Color**

17.3121, 18.3118, 21.0344

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1443, 18.0707, 20.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3121, 18.3118, 21.0344 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(116, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(116, 119, 122)  
}
```

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(116, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.3121, 18.3118, 21.0344 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(116, 119, 122) }
```


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

```
.border{ border-color:rgb(116, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(116, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3121, 18.3118, 21.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 119, 122) }
```

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

```
.background{ background-color: rgb(116,  
119, 122) }
```

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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