

Converting Colors

XYZ(17.1304, 17.3332, 28.3500)

Have a look what the booklet for
XYZ(17.1304, 17.3332, 28.3500)
contains.

XYZ(17.1521, 17.3704, 28.4354)	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(17.1521, 17.3704,
28.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	6B738F
RGB	107, 115, 143
RGB Percent	42%, 45%, 56%
CMY	0.5804, 0.5490, 0.4392
CMYK	0.25, 0.20, 0.00, 0.44
HSL	227°, 14%, 49%
HSV	227°, 25%, 56%
XYZ	17.1521, 17.3704, 28.4354
YIQ	115.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

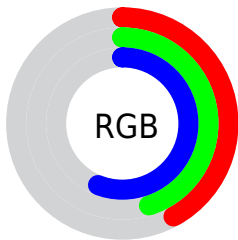
Format	Color
RYB	107, 114, 143
Decimal	7041935
CIELab	48.72, 3.57, -16.25
CIELCh	49, 16.635, 282.395
Yxy	17.3704, 0.2724, 0.2759
Android (android.graphics.Color)	4285232015 (0xFF6B738F)
YUV	115.8000, 13.4096, -7.7176
Hunter-Lab	41.6778, 0.5238, -11.2771

Details

The XYZ color **17.1521, 17.3704, 28.4354** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.6459, 24.2295, 17.3938**, and the grayscale version is **16.5030, 17.3624, 18.9077**.

A 20% lighter version of the original color is **38.1948, 39.0396, 58.3456**, and **5.7866, 5.7344, 11.1578** is the 20% darker color. If you saturate the color by 10%, you get **14.3803, 14.1713, 27.9643**, and if you desaturate by 10%, it is **20.3624, 21.0236, 28.9716**.

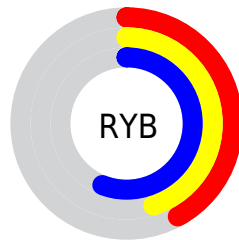
Distribution



Red (42%)

Green (45%)

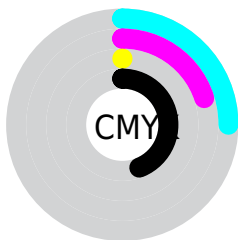
Blue (56%)



Red (42%)

Yellow (45%)

Blue (56%)

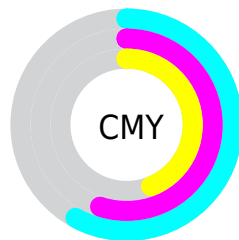


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1521, 17.3704, 28.4354 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 17.1521, 17.3704, 28.4354 by changing the saturation by 10% instead.

■ 17.1521, 17.3704,
28.4354

■ 17.1521, 17.3704,
28.4354

229.1866,
237.2979, 308.5187

■ 10.4390, 10.4989,
18.4122

■ 38.1286, 38.9615,
58.2103

■ 5.7555, 5.7310,
11.0739

■ 53.1227, 54.4500,
78.7991

■ 2.7362, 2.6822,
6.0017

■ 71.6079, 73.5795,
103.7468

■ 1.0158, 0.9682,
2.7773

■ 93.9494, 96.7346,
133.4720

■ 0.0000, 0.0000,
0.9821

120.5127,
124.2996, 168.3933

■ 0.0000, 0.0000,
0.0000

151.6631,

156.6589, 208.9292

187.7659,
194.1969, 255.4981

■ 17.1521, 17.3704,
28.4354

■ 17.1521, 17.3704,
28.4354

■ 14.3803, 14.1713,
27.9643

■ 20.3624, 21.0236,
28.9716

■ 12.0260, 11.4062,
27.5547

■ 24.0276, 25.1457,
29.5741

■ 10.0689, 9.0564,
27.2042

■ 28.1656, 29.7537,
30.2454

■ 8.4860, 7.1011,
26.9103

■ 32.7924, 34.8628,
30.9877

■ 7.2524, 5.5176,
26.6696

■ 37.9236, 40.4877,
31.8030

■ 6.3395, 4.2808,
26.4790

■ 43.5739, 46.6424,
32.6932

■ 5.7105, 3.3600,
26.3344

■ 49.7574, 53.3405,
33.6601

■ 5.4685, 3.0043,
26.2785

■ 56.4877, 60.5949,
34.7056

■ 63.7780, 68.4182,
35.8315

Harmonies

Analogous

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



15.6328, 17.3704, 28.1750



17.1521, 17.3704, 28.4354



18.5824, 17.3704, 25.8727

Triad

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



17.1521, 17.3704, 28.4354



18.7886, 17.3704, 13.7647



13.8520, 17.3704, 16.4688

Complementary

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



17.1521, 17.3704, 28.4354



22.6459, 24.2295, 17.3938

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.



14.5978, 17.3704, 13.3294



17.1521, 17.3704, 28.4354



17.4195, 17.3704, 11.9427

Square

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



17.1521, 17.3704, 28.4354



19.5658, 17.3704, 17.1554



15.8842, 17.3704, 11.7969



13.7903, 17.3704, 20.7876

Rectangle

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



17.1521, 17.3704, 28.4354



19.2679, 17.3704, 23.1096



15.8842, 17.3704, 11.7969



14.0288, 17.3704, 15.2586

Sweetspot

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



17.1527, 17.3711, 28.4358



40.9756, 42.7303, 52.6261



20.2314, 24.5091, 26.4391



9.1839, 9.5601, 12.0334



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.1527, 17.3711, 28.4358



27.9114, 27.8811, 50.4485



17.4987, 16.2535, 28.2018



5.2208, 5.4374, 6.8031



4.8489, 2.6838, 23.2395



0.0604, 0.0537, 0.2269

Inverse Universe

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



19.6804, 17.5934, 18.5789



33.2458, 28.4790, 29.6184



22.2129, 25.7260, 17.7054



5.4549, 5.4425, 5.8936



10.2506, 5.2573, 1.7050



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 17.1521, 17.3704, 28.4354 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 17.1521, 17.3704, 28.4354 looks on a black 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

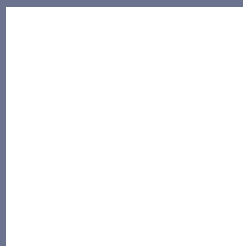
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1521, 17.3704, 28.4354

Background



This preview shows how black text looks on a background with the XYZ color 17.1521, 17.3704, 28.4354.



This preview shows how white text looks on a background with the XYZ color 17.1521, 17.3704,

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

17.1521, 17.3704, 28.4354

Protanopia

17.2819, 17.2690, 28.4090

Deuteranopia

17.6731, 17.3041, 28.3952



Tritanopia

16.0181, 17.4322, 22.5992

Trichromacy



Original Color

17.1521, 17.3704, 28.4354

Protanomaly

17.1596, 17.2059, 28.4033

Deuteranomaly

17.5308, 17.3973, 28.4206

Tritanomaly

16.4206, 17.4193, 24.6871

Monochromacy



Original Color

17.1521, 17.3704, 28.4354

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8213, 17.5079, 22.2314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1521, 17.3704, 28.4354 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, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 143)  
}
```

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, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.1521, 17.3704, 28.4354 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, 115, 143) }
```


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

```
.border{ border-color:rgb(107, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1521, 17.3704, 28.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 143) }
```

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

```
.background{ background-color: rgb(107,  
115, 143) }
```

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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