

Converting Colors

XYZ(16.7921, 17.4173, 21.0194)

Have a look what the booklet for
XYZ(16.7921, 17.4173, 21.0194)
contains.

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Color

**XYZ(16.7138, 17.3114,
20.8729)**

Conversions

Conversions Part 1

Format	Color
Hex	73737A
RGB	115, 115, 122
RGB Percent	45%, 45%, 48%
CMY	0.5490, 0.5490, 0.5216
CMYK	0.06, 0.06, 0.00, 0.52
HSL	240°, 3%, 46%
HSV	240°, 6%, 48%
XYZ	16.7138, 17.3114, 20.8729
YIQ	115.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

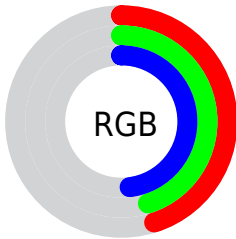
Format	Color
R_{YB}	115, 115, 122
Decimal	7566202
CIE Lab	48.65, 1.46, -3.85
CIE LCh	49, 4.121, 290.736
Yxy	17.3114, 0.3045, 0.3153
Android (android.graphics.Color)	4285756282 (0xFF73737A)
YUV	115.7980, 3.0576, -0.6998
Hunter-Lab	41.6070, -1.1075, -0.6190

Details

The XYZ color **16.7138, 17.3114, 20.8729** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0802, 19.2944, 18.9912**, and the grayscale version is **16.5304, 17.3913, 18.9391**.

A 20% lighter version of the original color is **37.3950, 38.9089, 45.5836**, and **5.5245, 5.6886, 7.1102** is the 20% darker color. If you saturate the color by 10%, you get **13.9145, 13.9388, 20.3697**, and if you desaturate by 10%, it is **19.9105, 21.1631, 21.4481**.

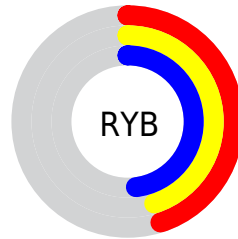
Distribution



Red (45%)

Green (45%)

Blue (48%)



Red (45%)

Yellow (45%)

Blue (48%)

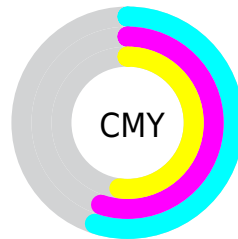


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7138, 17.3114, 20.8729 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 16.7138, 17.3114, 20.8729 by changing the saturation by 10% instead.

■ 16.7138, 17.3114,
20.8729

■ 16.7138, 17.3114,
20.8729

226.7062,
236.9605, 269.3611

■ 10.1247, 10.4568,
12.8408

■ 37.3806, 38.8604,
45.7540

■ 5.5446, 5.7028,
7.1896

■ 52.1889, 54.3236,
63.4400

■ 2.6082, 2.6652,
3.5007

■ 70.4677, 73.4250,
85.1810

■ 0.9501, 0.9596,
1.3556

■ 92.5824, 96.5492,
111.3957

■ 0.0000, 0.0000,
0.1067

118.8982,
124.0804, 142.5025

■ 0.0000, 0.0000,
0.0000

149.7805,

156.4031, 178.9200

185.5947,
193.9017, 221.0666

■ 16.7138, 17.3114,
20.8729

■ 16.7138, 17.3114,
20.8729

■ 13.9145, 13.9388,
20.3697

■ 19.9105, 21.1631,
21.4481

■ 11.4957, 11.0244,
19.9347

■ 23.5177, 25.5092,
22.0969

■ 9.4414, 8.5492,
19.5652

■ 27.5498, 30.3672,
22.8221

■ 7.7339, 6.4918,
19.2581

■ 32.0200, 35.7529,
23.6260

■ 6.3542, 4.8293,
19.0099

■ 36.9409, 41.6817,
24.5110

■ 5.2812, 3.5363,
18.8169

■ 42.3246, 48.1681,
25.4793

■ 4.4915, 2.5847,
18.6748

■ 48.1829, 55.2262,
26.5329

■ 3.9584, 1.9423,
18.5789

■ 54.5270, 62.8696,
27.6738

■ 3.6347, 1.5522,
18.5207

■ 61.3677, 71.1113,
28.9041

Harmonies

Analogous

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



16.3367, 17.3114, 20.9889



16.7138, 17.3114, 20.8729



17.0257, 17.3114, 20.2036

Triad

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



16.7138, 17.3114, 20.8729



16.9203, 17.3114, 17.2763



15.7439, 17.3114, 18.5146

Complementary

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



16.7138, 17.3114, 20.8729



18.0802, 19.2944, 18.9912

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.



15.8952, 17.3114, 17.5567



16.7138, 17.3114, 20.8729



16.5718, 17.3114, 16.8601

Square

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



16.7138, 17.3114, 20.8729



17.1462, 17.3114, 18.1186



16.1968, 17.3114, 16.9607



15.7806, 17.3114, 19.5992

Rectangle

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



16.7138, 17.3114, 20.8729



17.1528, 17.3114, 19.5474



16.1968, 17.3114, 16.9607



15.7744, 17.3114, 18.1678

Sweetspot

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



16.7143, 17.3121, 20.8733



31.3970, 32.8568, 37.0801



17.5357, 18.9665, 21.1114



7.1985, 7.5363, 8.4819



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.



16.7143, 17.3121, 20.8733



28.6580, 29.5567, 36.5875



17.1673, 17.5454, 20.8944



3.9246, 4.0466, 5.0174



3.6988, 1.4800, 19.4760



17.6427, 7.0581, 92.9023

Inverse Universe

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



17.2517, 17.6372, 18.7155



29.8283, 30.2646, 31.8879



17.6096, 19.0520, 18.9692



4.0871, 4.1449, 4.3653



8.4503, 4.3563, 0.3963



40.3084, 20.7797, 1.8881

Previews

White Background



This preview shows how the XYZ color 16.7138, 17.3114, 20.8729 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 16.7138, 17.3114, 20.8729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

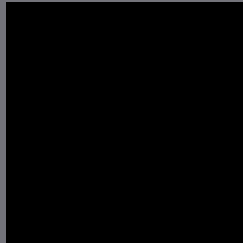
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.7138, 17.3114, 20.8729

Background



This preview shows how black text looks on a background with the XYZ color 16.7138, 17.3114, 20.8729.



This preview shows how white text looks on a background with the XYZ color 16.7138, 17.3114,

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

16.7138, 17.3114, 20.8729

Protanopia

16.8460, 17.3796, 20.8791

Deuteranopia

17.5377, 17.2294, 21.1402



Tritanopia

16.8391, 17.3615, 21.5324

Trichromacy

**Original Color**

16.7138, 17.3114, 20.8729

Protanomaly

16.8460, 17.3796, 20.8791

Deuteranomaly

17.2260, 17.2334, 21.1574

Tritanomaly

16.7761, 17.3364, 21.2009

Monochromacy

**Original Color**

16.7138, 17.3114, 20.8729

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7179, 17.5118, 19.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7138, 17.3114, 20.8729 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(115, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 115, 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(115, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 115, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.7138, 17.3114, 20.8729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

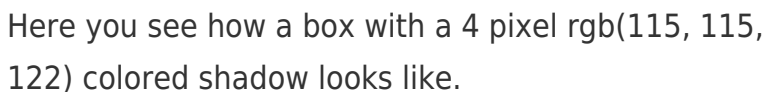
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 115, 122) }
```


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

```
.border{ border-color:rgb(115, 115, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 115, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 115, 122); box-shadow:4px 4px 4px 4px rgb(115, 115, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7138, 17.3114, 20.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 115, 122) }
```

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

```
.background{ background-color: rgb(115,  
115, 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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