

Converting Colors

XYZ(17.0298, 17.2758, 24.4827)

Have a look what the booklet for
XYZ(17.0298, 17.2758, 24.4827)
contains.

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Color

**XYZ(17.0610, 17.2388,
24.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	717285
RGB	113, 114, 133
RGB Percent	44%, 45%, 52%
CMY	0.5569, 0.5529, 0.4784
CMYK	0.15, 0.14, 0.00, 0.48
HSL	237°, 8%, 48%
HSV	237°, 15%, 52%
XYZ	17.0610, 17.2388, 24.6185
YIQ	115.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

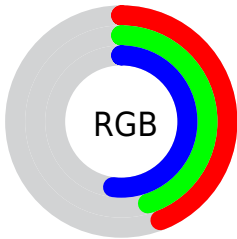
Format	Color
RYB	113, 114, 133
Decimal	7434885
CIELab	48.56, 3.78, -10.53
CIElCh	49, 11.189, 289.722
Yxy	17.2388, 0.2896, 0.2926
Android (android.graphics.Color)	4285624965 (0xFF717285)
YUV	115.8670, 8.4466, -2.5144
Hunter-Lab	41.5196, 0.6888, -6.0915

Details

The XYZ color **17.0610, 17.2388, 24.6185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9048, 22.6812, 18.8993**, and the grayscale version is **16.5366, 17.3978, 18.9462**.

A 20% lighter version of the original color is **38.0162, 38.8169, 51.9431**, and **5.6895, 5.6448, 8.9733** is the 20% darker color. If you saturate the color by 10%, you get **14.1458, 13.7649, 24.1019**, and if you desaturate by 10%, it is **20.4249, 21.2371, 25.2132**.

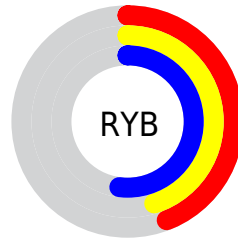
Distribution



Red (44%)

Green (45%)

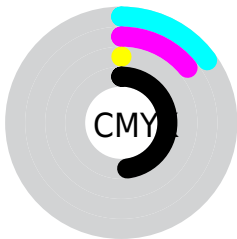
Blue (52%)



Red (44%)

Yellow (45%)

Blue (52%)

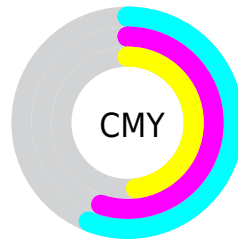


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0610, 17.2388, 24.6185 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 17.0610, 17.2388, 24.6185 by changing the saturation by 10% instead.

■ 17.0610, 17.2388,
24.6185

■ 17.0610, 17.2388,
24.6185

228.6731,
236.5448, 289.3193

■ 10.3736, 10.4049,
15.5766

■ 37.9734, 38.7359,
51.9941

■ 5.7115, 5.6682,
9.0740

■ 52.9291, 54.1679,
71.1648

■ 2.7094, 2.6444,
4.6920

■ 71.3715, 73.2347,
94.5490

■ 1.0020, 0.9490,
2.0121

■ 93.6661, 96.3207,
122.5650

■ 0.0000, 0.0000,
0.5627

120.1782,
123.8103, 155.6316

■ 0.0000, 0.0000,
0.0000

151.2732,

156.0880, 194.1671

187.3163,
193.5380, 238.5901

■ 17.0610, 17.2388,
24.6185

■ 17.0610, 17.2388,
24.6185

■ 14.1458, 13.7649,
24.1019

■ 20.4249, 21.2371,
25.2132

■ 11.6588, 10.7917,
23.6591

■ 24.2537, 25.7781,
25.8879

■ 9.5804, 8.2966,
23.2870

■ 28.5648, 30.8818,
26.6458

■ 7.8886, 6.2549,
22.9821

■ 33.3740, 36.5665,
27.4896

■ 6.5596, 4.6391,
22.7403

■ 38.6966, 42.8497,
28.4219

■ 5.5668, 3.4191,
22.5571

■ 44.5472, 49.7483,
29.4451

■ 4.8800, 2.5608,
22.4276

■ 50.9397, 57.2782,
30.5616

■ 4.4593, 2.0221,
22.3458

■ 57.8877, 65.4551,
31.7737

■ 4.3060, 1.8381,
22.3184

■ 65.4042, 74.2939,
33.0836

Harmonies

Analogous

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



16.0348, 17.2388, 24.9086



17.0610, 17.2388, 24.6185



17.9395, 17.2388, 22.6725

Triad

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



17.0610, 17.2388, 24.6185



17.6962, 17.2388, 14.7745



14.5162, 17.2388, 17.7782

Complementary

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



17.0610, 17.2388, 24.6185



20.9048, 22.6812, 18.8993

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.



14.9229, 17.2388, 15.3434



17.0610, 17.2388, 24.6185



16.7401, 17.2388, 13.7333

Square

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



17.0610, 17.2388, 24.6185



18.3168, 17.2388, 16.9241



15.7270, 17.2388, 13.9301



14.5940, 17.2388, 20.7457

Rectangle

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



17.0610, 17.2388, 24.6185



18.3097, 17.2388, 20.8010



15.7270, 17.2388, 13.9301



14.6001, 17.2388, 16.8759

Sweetspot

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



17.0615, 17.2395, 24.6189



36.5273, 37.9726, 45.1426



19.3400, 21.9429, 24.9267



8.1434, 8.4529, 10.1551



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.



17.0615, 17.2395, 24.6189



28.7048, 28.6712, 43.7596



18.1180, 17.6174, 24.6361



4.4518, 4.5792, 5.8500



4.1033, 1.7544, 21.2591



0.0154, 0.0084, 0.0740

Inverse Universe

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



18.6157, 18.0121, 18.4159



32.0382, 30.3379, 30.4531



19.7289, 22.2776, 18.8833



4.6813, 4.6922, 4.9342



9.2493, 4.7641, 0.6191



0.0326, 0.0167, 0.0052

Previews

White Background



This preview shows how the XYZ color 17.0610, 17.2388, 24.6185 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 17.0610, 17.2388, 24.6185 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

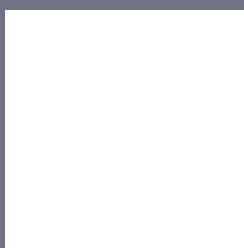
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0610, 17.2388, 24.6185

Background



This preview shows how black text looks on a background with the XYZ color 17.0610, 17.2388, 24.6185.



This preview shows how white text looks on a background with the XYZ color 17.0610, 17.2388,

24.6185.

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

17.0610, 17.2388, 24.6185

Protanopia

16.9330, 17.1728, 24.6125

Deuteranopia

17.4990, 17.1333, 24.5751



Tritanopia

16.5145, 17.1869, 21.8490

Trichromacy



Original Color

17.0610, 17.2388, 24.6185

Protanomaly

16.9330, 17.1728, 24.6125

Deuteranomaly

17.3412, 17.2167, 24.5995

Tritanomaly

16.7091, 17.2647, 22.8738

Monochromacy



Original Color

17.0610, 17.2388, 24.6185

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7138, 17.3114, 20.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0610, 17.2388, 24.6185 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(113, 114, 133)` looks like.

```
.text, #text, p{  
    color:rgb(113, 114, 133)  
}
```

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(113, 114, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 114, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.0610, 17.2388, 24.6185 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(113, 114, 133) }
```


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

```
.border{ border-color:rgb(113, 114, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 114, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 114, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 114, 133);  
box-shadow:4px 4px 4px 4px rgb(113, 114,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0610, 17.2388, 24.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 114, 133) }
```

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

```
.background{ background-color: rgb(113,  
114, 133) }
```

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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