

Converting Colors

XYZ(8.5904, 10.6589, 17.6751)

Have a look what the booklet for
XYZ(8.5904, 10.6589, 17.6751)
contains.

XYZ(8.6385, 10.7194, 17.8334)	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(8.6385, 10.7194,
17.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6373
RGB	45, 99, 115
RGB Percent	18%, 39%, 45%
CMY	0.8235, 0.6118, 0.5490
CMYK	0.61, 0.14, 0.00, 0.55
HSL	194°, 44%, 31%
HSV	194°, 61%, 45%
XYZ	8.6385, 10.7194, 17.8334
YIQ	84.6780, -37.3200, -6.4720

Conversions

Conversions Part 2

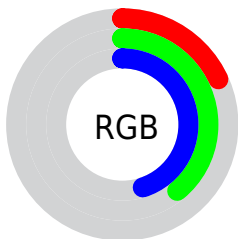
Format	Color
RYB	45, 75, 115
Decimal	2974579
CIELab	39.10, -12.71, -14.42
CIELCh	39, 19.223, 228.600
Yxy	10.7194, 0.2323, 0.2882
Android (android.graphics.Color)	4281164659 (0xFF2D6373)
YUV	84.6780, 14.9487, -34.7976
Hunter-Lab	32.7405, -10.1991, -9.3763

Details

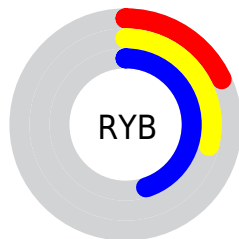
The XYZ color **8.6385, 10.7194, 17.8334** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.2128, 7.1719, 3.3816**, and the grayscale version is **8.5431, 8.9880, 9.7879**.

A 20% lighter version of the original color is **22.9184, 27.1994, 40.6013**, and **2.2411, 2.8612, 5.7443** is the 20% darker color. If you saturate the color by 10%, you get **7.9550, 10.0036, 17.7315**, and if you desaturate by 10%, it is **9.4688, 11.5234, 17.9450**.

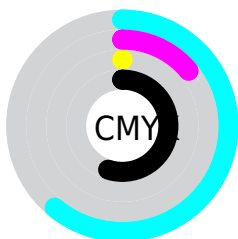
Distribution



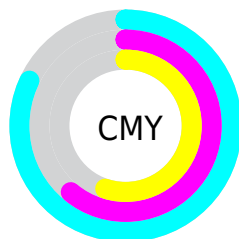
- Red (18%)
- Green (39%)
- Blue (45%)



- Red (18%)
- Yellow (29%)
- Blue (45%)



- Cyan (61%)
- Magenta (14%)
- Yellow (0%)
- Black (55%)



- Cyan (82%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6385, 10.7194, 17.8334 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 8.6385, 10.7194, 17.8334 by changing the saturation by 10% instead.

8.6385, 10.7194,
17.8334

8.6385, 10.7194,
17.8334

174.9225,
195.7322, 252.1348

4.5614, 5.8785,
10.6622

22.8746, 27.1401,
40.5633

2.0244, 2.7713,
5.7289

33.7643, 39.4887,
56.9592

0.6476, 1.0135,
2.6148

47.6555, 55.1086,
77.2670

0.0000, 0.0000,
0.9001

64.9137, 74.3843,
101.9054

0.0000, 0.0000,
0.0000

85.9041, 97.7001,
131.2928

110.9921,

125.4404, 165.8478

140.5432,
157.9897, 205.9890

■ 8.6385, 10.7194,
17.8334

■ 8.6385, 10.7194,
17.8334

■ 7.9550, 10.0036,
17.7315

■ 9.4688, 11.5234,
17.9450

■ 7.4055, 9.3686,
17.6378

■ 10.4550, 12.4196,
18.0660

■ 6.9771, 8.8077,
17.5522

■ 11.6069, 13.4136,
18.1972

■ 6.6434, 8.3355,
17.4786

■ 12.9330, 14.5097,
18.3389

■ 14.4412, 15.7122,
18.4915

■ 16.1391, 17.0250,
18.6554

■ 18.0336, 18.4519,
18.8309

■ 20.1315, 19.9964,
19.0185

■ 22.4390, 21.6618,
19.2183

Harmonies

Analogous

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



8.0191, 10.7194, 14.0803



8.6385, 10.7194, 17.8334



9.7073, 10.7194, 20.0852

Triad

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



8.6385, 10.7194, 17.8334



12.8110, 10.7194, 13.1287



9.4196, 10.7194, 6.1622

Complementary

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



8.6385, 10.7194, 17.8334



9.2128, 7.1719, 3.3816

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.



10.6853, 10.7194, 6.0130



8.6385, 10.7194, 17.8334



12.7175, 10.7194, 9.5546

Square

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



8.6385, 10.7194, 17.8334



12.1590, 10.7194, 17.0118



11.9136, 10.7194, 7.1230



8.4432, 10.7194, 7.5853

Rectangle

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



8.6385, 10.7194, 17.8334



10.5629, 10.7194, 20.1717



11.9136, 10.7194, 7.1230



9.8230, 10.7194, 5.9744

Sweetspot

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



8.6388, 10.7198, 17.8337



23.7754, 26.4803, 32.9026



8.0331, 13.1476, 6.4127



5.5254, 6.1989, 7.8343



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



8.6388, 10.7198, 17.8337



13.8185, 17.4357, 31.6816



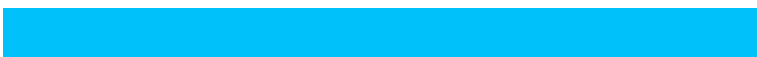
6.0577, 5.5574, 16.9733



3.7158, 4.0202, 4.6704



7.5783, 9.4962, 19.9761



36.2618, 44.9402, 97.1234

Inverse Universe

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



10.2610, 6.4227, 12.5038



17.1645, 9.5762, 20.4625



11.6513, 12.0490, 4.1944



3.7925, 3.7443, 4.4343



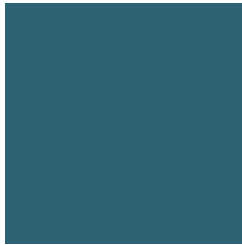
10.1223, 4.9826, 11.1181



48.9900, 24.1461, 52.4042

Previews

White Background



This preview shows how the XYZ color 8.6385, 10.7194, 17.8334 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 8.6385, 10.7194, 17.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

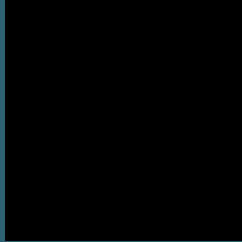
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.6385, 10.7194, 17.8334

Background



This preview shows how black text looks on a background with the XYZ color 8.6385, 10.7194, 17.8334.



This preview shows how white text looks on a background with the XYZ color 8.6385, 10.7194,

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

8.6385, 10.7194, 17.8334

Protanopia

10.5259, 10.6610, 15.9710

Deuteranopia

10.7975, 10.6229, 18.3110



Tritanopia

8.2188, 10.6893, 15.8174

Trichromacy



Original Color

8.6385, 10.7194, 17.8334

Protanomaly

9.5444, 10.5308, 16.5685

Deuteranomaly

9.7392, 10.4674, 18.0301

Tritanomaly

8.4227, 10.7756, 16.6749

Monochromacy



Original Color

8.6385, 10.7194, 17.8334

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.2933, 9.4589, 12.4550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6385, 10.7194, 17.8334 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(45, 99, 115)` looks like.

```
.text, #text, p{  
  color:rgb(45, 99, 115)  
}
```

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(45, 99, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 99, 115) }
```

Border

The CSS property to change the border of an element to XYZ 8.6385, 10.7194, 17.8334 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(45, 99, 115) }
```


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

```
.border{ border-color:rgb(45, 99, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 99, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 99, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 99, 115);  
box-shadow:4px 4px 4px 4px rgb(45, 99,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 8.6385, 10.7194, 17.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 99, 115) }
```

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

```
.background{ background-color: rgb(45, 99,  
115) }
```

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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