

Converting Colors

XYZ(17.6724, 17.5376, 33.0255)

Have a look what the booklet for
XYZ(17.6724, 17.5376, 33.0255)
contains.

XYZ(17.6724, 17.5376, 33.0255)	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(17.6724, 17.5376,
33.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	68739A
RGB	104, 115, 154
RGB Percent	41%, 45%, 60%
CMY	0.5921, 0.5490, 0.3961
CMYK	0.32, 0.25, 0.00, 0.40
HSL	227°, 20%, 51%
HSV	227°, 32%, 60%
XYZ	17.6724, 17.5376, 33.0255
YIQ	116.1570, -19.0750, 9.7970

Conversions

Conversions Part 2

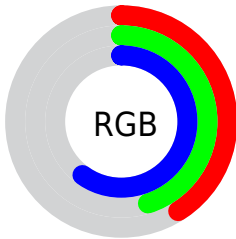
Format	Color
RYB	104, 113, 154
Decimal	6845338
CIELab	48.93, 5.51, -22.43
CIELCh	49, 23.095, 283.795
Yxy	17.5376, 0.2590, 0.2570
Android (android.graphics.Color)	4285035418 (0xFF68739A)
YUV	116.1570, 18.6566, -10.6617
Hunter-Lab	41.8779, 2.0403, -17.4424

Details

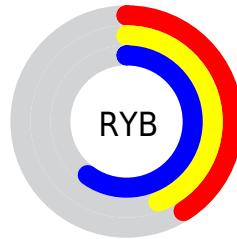
The XYZ color **17.6724, 17.5376, 33.0255** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.6480, 27.5148, 17.0565**, and the grayscale version is **16.5978, 17.4622, 19.0163**.

A 20% lighter version of the original color is **39.0376, 39.3088, 65.8515**, and **6.0309, 5.8058, 13.6347** is the 20% darker color. If you saturate the color by 10%, you get **14.7638, 14.1359, 32.5225**, and if you desaturate by 10%, it is **21.0871, 21.4660, 33.6041**.

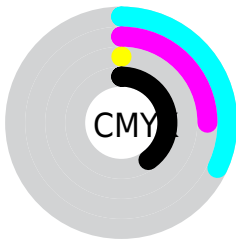
Distribution



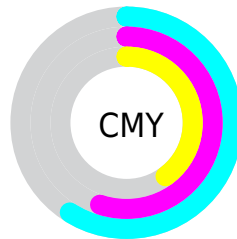
- Red (41%)
- Green (45%)
- Blue (60%)



- Red (41%)
- Yellow (44%)
- Blue (60%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (59%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6724, 17.5376, 33.0255 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 17.6724, 17.5376, 33.0255 by changing the saturation by 10% instead.

■ 17.6724, 17.5376,
33.0255

■ 17.6724, 17.5376,
33.0255

232.0995,
238.2516, 330.4002

■ 10.8133, 10.6185,
21.8747

■ 39.0128, 39.2478,
65.5318

■ 6.0078, 5.8109,
13.5674

■ 54.2248, 54.8077,
87.7244

■ 2.8905, 2.7305,
7.6851

■ 72.9518, 74.0167,
114.4347

■ 1.0961, 0.9927,
3.8093

■ 95.5592, 97.2592,
146.0812

■ 0.0219, 0.0000,
1.5213

122.4123,
124.9195, 183.0824

■ 0.0000, 0.0000,
0.2337

153.8764,

■ 0.0000, 0.0000,

157.3821, 225.8570

0.0000

190.3171,
195.0314, 274.8234

■ 17.6724, 17.5376,
33.0255

■ 17.6724, 17.5376,
33.0255

■ 14.7638, 14.1359,
32.5225

■ 21.0871, 21.4660,
33.6041

■ 12.3350, 11.2359,
32.0908

■ 25.0292, 25.9405,
34.2600

■ 10.3598, 8.8138,
31.7274

■ 29.5206, 30.9819,
34.9964

■ 8.8086, 6.8427,
31.4287

■ 34.5817, 36.6095,
35.8158

■ 7.6483, 5.2930,
31.1907

■ 40.2316, 42.8414,
36.7209

■ 6.8402, 4.1311,
31.0090

■ 46.4888, 49.6952,
37.7141

■ 6.4014, 3.4703,
30.9046

■ 53.3707, 57.1875,
38.7975

■ 60.8942, 65.3345,
39.9735

■ 69.0753, 74.1517,
41.2442

Harmonies

Analogous

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



15.5437, 17.5376, 32.8405



17.6724, 17.5376, 33.0255



19.6910, 17.5376, 28.9593

Triad

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



17.6724, 17.5376, 33.0255



19.8285, 17.5376, 12.0287



13.0121, 17.5376, 15.9836

Complementary

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



17.6724, 17.5376, 33.0255



25.6480, 27.5148, 17.0565

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.



13.9731, 17.5376, 11.7722



17.6724, 17.5376, 33.0255



17.8473, 17.5376, 9.8467

Square

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



17.6724, 17.5376, 33.0255



21.0062, 17.5376, 16.4139



15.7042, 17.5376, 9.7642



12.9741, 17.5376, 22.0543

Rectangle

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



17.6724, 17.5376, 33.0255



20.6522, 17.5376, 24.8040



15.7042, 17.5376, 9.7642



13.2339, 17.5376, 14.3378

Sweetspot

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



17.6730, 17.5383, 33.0259



47.2268, 49.1060, 62.5256



22.1726, 28.0177, 29.9624



10.4579, 10.8539, 14.1142



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.6730, 17.5383, 33.0259



28.1503, 27.2463, 59.3117



18.1646, 16.0394, 32.7107



5.9892, 6.2358, 7.8169



5.2383, 2.8733, 25.1862



0.1015, 0.0893, 0.3843

Inverse Universe

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



21.3718, 18.0091, 18.5700



36.0233, 28.5157, 28.4818



24.9826, 29.7446, 17.5219



6.2617, 6.2438, 6.7581



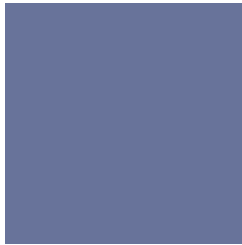
11.1028, 5.6954, 1.8005



0.1777, 0.0898, 0.0885

Previews

White Background



This preview shows how the XYZ color 17.6724, 17.5376, 33.0255 looks on a white background.

Color Contrast Check

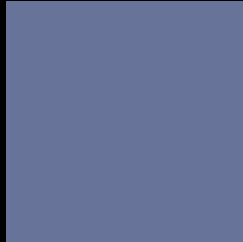
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6724, 17.5376, 33.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

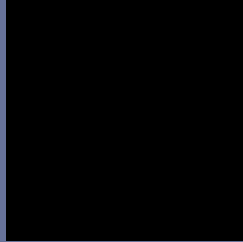
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

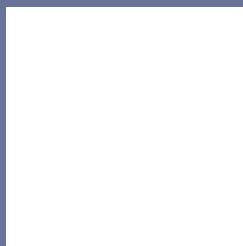
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6724, 17.5376, 33.0255

Background



This preview shows how black text looks on a background with the XYZ color 17.6724, 17.5376, 33.0255.



This preview shows how white text looks on a background with the XYZ color 17.6724, 17.5376,

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

17.6724, 17.5376, 33.0255

Protanopia

17.7892, 17.5978, 33.0310

Deuteranopia

17.7939, 17.4319, 32.9987



Tritanopia

15.7159, 17.6146, 23.3405

Trichromacy



Original Color

17.6724, 17.5376, 33.0255

Protanomaly

17.7892, 17.5978, 33.0310

Deuteranomaly

17.6757, 17.3710, 32.9932

Tritanomaly

16.3214, 17.5012, 26.5626

Monochromacy



Original Color

17.6724, 17.5376, 33.0255

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9567, 17.5472, 23.6123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6724, 17.5376, 33.0255 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(104, 115, 154)` looks like.

```
.text, #text, p{  
    color:rgb(104, 115, 154)  
}
```

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(104, 115, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 115, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.6724, 17.5376, 33.0255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

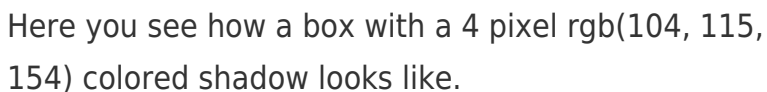
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 115, 154) }
```


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

```
.border{ border-color:rgb(104, 115, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 115, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 115, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 115, 154);  
box-shadow:4px 4px 4px 4px rgb(104, 115,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6724, 17.5376, 33.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 115, 154) }
```

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

```
.background{ background-color: rgb(104,  
115, 154) }
```

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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