

Converting Colors

XYZ(17.4328, 15.4507, 32.2005)

Have a look what the booklet for
XYZ(17.4328, 15.4507, 32.2005)
contains.

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Color

**XYZ(17.5394, 15.5778,
32.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	726799
RGB	114, 103, 153
RGB Percent	45%, 40%, 60%
CMY	0.5529, 0.5961, 0.4000
CMYK	0.25, 0.33, 0.00, 0.40
HSL	253°, 20%, 50%
HSV	253°, 33%, 60%
XYZ	17.5394, 15.5778, 32.2194
YIQ	111.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

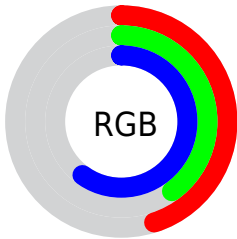
Format	Color
R_{YB}	114, 103, 153
Decimal	7497625
CIE _{Lab}	46.42, 15.63, -25.66
CIE _{LCh}	46, 30.046, 301.342
Yxy	15.5778, 0.2684, 0.2384
Android (android.graphics.Color)	4285687705 (0xFF726799)
YUV	111.9890, 20.2184, 1.7636
Hunter-Lab	39.4687, 10.2529, -20.7719

Details

The XYZ color **17.5394, 15.5778, 32.2194** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.9953, 29.5129, 17.2118**, and the grayscale version is **15.3429, 16.1419, 17.5785**.

A 20% lighter version of the original color is **38.8771, 35.8808, 64.5511**, and **5.9268, 4.8776, 13.1995** is the 20% darker color. If you saturate the color by 10%, you get **14.7023, 12.0593, 31.6901**, and if you desaturate by 10%, it is **20.8586, 19.7589, 32.8518**.

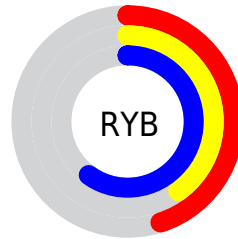
Distribution



Red (45%)

Green (40%)

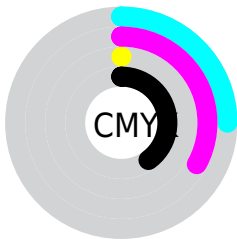
Blue (60%)



Red (45%)

Yellow (40%)

Blue (60%)

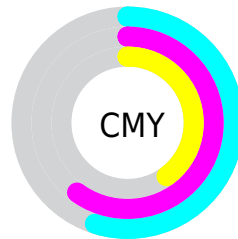


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5394, 15.5778, 32.2194 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 17.5394, 15.5778, 32.2194 by changing the saturation by 10% instead.

■ 17.5394, 15.5778,
32.2194

■ 17.5394, 15.5778,
32.2194

231.3580,
226.8373, 326.6410

■ 10.7175, 9.2259,
21.2629

■ 38.7872, 35.8637,
64.2568

■ 5.9431, 4.8888,
13.1232

■ 53.9437, 50.5664,
86.1748

■ 2.8508, 2.1822,
7.3817

■ 72.6092, 68.8216,
112.5837

■ 1.0754, 0.7102,
3.6199

■ 95.1490, 91.0136,
143.9021

■ 0.0044, 0.0000,
1.4192

121.9284,
117.5267, 180.5484

■ 0.0000, 0.0000,
0.1567

153.3128,

■ 0.0000, 0.0000,

148.7455, 222.9413

0.0000

189.6676,
185.0542, 271.4993

■ 17.5394, 15.5778,
32.2194

■ 17.5394, 15.5778,
32.2194

■ 14.7023, 12.0593,
31.6901

■ 20.8586, 19.7589,
32.8518

■ 12.3227, 9.1672,
31.2572

■ 24.6798, 24.6327,
33.5911

■ 10.3762, 6.8644,
30.9154

■ 29.0235, 30.2295,
34.4424

■ 8.8354, 5.1093,
30.6578

■ 33.9088, 36.5775,
35.4103

■ 7.6695, 3.8546,
30.4771

■ 39.3536, 43.7032,
36.4987

■ 6.8429, 3.0446,
30.3643

■ 45.3751, 51.6318,
37.7117

■ 6.3983, 2.6342,
30.3085

■ 51.9898, 60.3875,
39.0531

■ 59.2133, 69.9933,
40.5265

■ 67.0610, 80.4714,
42.1353

Harmonies

Analogous

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



14.9227, 15.5778, 35.4987



17.5394, 15.5778, 32.2194



19.5999, 15.5778, 24.7282

Triad

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



17.5394, 15.5778, 32.2194



17.3150, 15.5778, 7.2996



10.3799, 15.5778, 17.2966

Complementary

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



17.5394, 15.5778, 32.2194



24.9953, 29.5129, 17.2118

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.



10.8658, 15.5778, 11.0196



17.5394, 15.5778, 32.2194



14.6903, 15.5778, 6.3538

Square

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



17.5394, 15.5778, 32.2194



19.4601, 15.5778, 10.5929



12.3729, 15.5778, 7.4909



10.9606, 15.5778, 25.4768

Rectangle

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



17.5394, 15.5778, 32.2194



20.2719, 15.5778, 19.1914



12.3729, 15.5778, 7.4909



10.4235, 15.5778, 14.9115

Sweetspot

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



17.5399, 15.5784, 32.2198



46.0396, 46.4777, 60.5165



21.0416, 24.5796, 33.7726



9.9540, 9.9905, 13.3212



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5399, 15.5784, 32.2198



27.7211, 23.3106, 57.0103



21.2202, 17.4756, 32.3920



6.0053, 6.0886, 7.7877



5.3127, 2.1899, 25.0504



0.1062, 0.0465, 0.3758

Inverse Universe

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



22.8701, 18.4264, 27.9431



38.8306, 29.2539, 47.7668



21.1984, 27.5556, 17.0341



6.4030, 6.3004, 7.5025



13.6391, 6.7099, 15.1565



0.2168, 0.1055, 0.2945

Previews

White Background



This preview shows how the XYZ color 17.5394, 15.5778, 32.2194 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 17.5394, 15.5778, 32.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

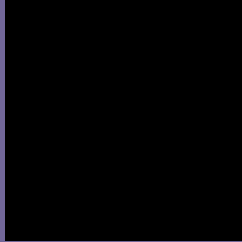
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5394, 15.5778, 32.2194

Background



This preview shows how black text looks on a background with the XYZ color 17.5394, 15.5778, 32.2194.



This preview shows how white text looks on a background with the XYZ color 17.5394, 15.5778,

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

17.5394, 15.5778, 32.2194

Protanopia

16.0645, 15.5391, 34.0510

Deuteranopia

16.0659, 15.7457, 31.8982



Tritanopia

14.9691, 15.6096, 19.6768

Trichromacy



Original Color

17.5394, 15.5778, 32.2194

Protanomaly

16.5216, 15.4751, 33.5687

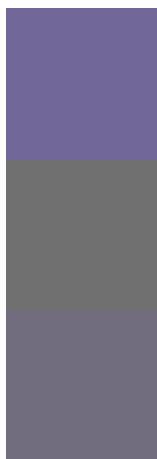
Deuteranomaly

16.5187, 15.6660, 31.8590

Tritanomaly

15.7848, 15.4691, 23.6266

Monochromacy



Original Color

17.5394, 15.5778, 32.2194

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1095, 15.9803, 22.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5394, 15.5778, 32.2194 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(114, 103, 153)` looks like.

```
.text, #text, p{  
    color:rgb(114, 103, 153)  
}
```

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(114, 103, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 103, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.5394, 15.5778, 32.2194 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(114, 103, 153) }
```


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

```
.border{ border-color:rgb(114, 103, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 103, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 103, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 103, 153);  
box-shadow:4px 4px 4px 4px rgb(114, 103,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5394, 15.5778, 32.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 103, 153) }
```

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

```
.background{ background-color: rgb(114,  
103, 153) }
```

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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