

Converting Colors

XYZ(15.6097, 15.9414, 20.7969)

Have a look what the booklet for
XYZ(15.6097, 15.9414, 20.7969)
contains.

XYZ(15.5192, 15.8720, 20.6580)	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(15.5192, 15.8720,
20.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6E7A
RGB	110, 110, 122
RGB Percent	43%, 43%, 48%
CMY	0.5686, 0.5686, 0.5216
CMYK	0.10, 0.10, 0.00, 0.52
HSL	240°, 5%, 45%
HSV	240°, 10%, 48%
XYZ	15.5192, 15.8720, 20.6580
YIQ	111.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

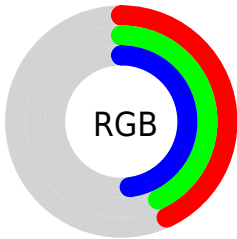
Format	Color
R_{YB}	110, 110, 122
Decimal	7237242
CIE _{Lab}	46.81, 2.57, -6.64
CIE _{LCh}	47, 7.116, 291.152
Yxy	15.8720, 0.2982, 0.3049
Android (android.graphics.Color)	4285427322 (0xFF6E6E7A)
YUV	111.3680, 5.2416, -1.1997
Hunter-Lab	39.8397, -0.1863, -2.8558

Details

The XYZ color **15.5192, 15.8720, 20.6580** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8001, 19.1823, 17.5166**, and the grayscale version is **15.2028, 15.9945, 17.4180**.

A 20% lighter version of the original color is **35.4606, 36.5780, 45.2357**, and **4.9667, 5.0602, 7.0183** is the 20% darker color. If you saturate the color by 10%, you get **12.8778, 12.6895, 20.1832**, and if you desaturate by 10%, it is **18.5517, 19.5260, 21.2037**.

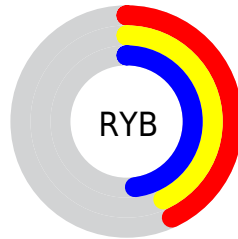
Distribution



Red (43%)

Green (43%)

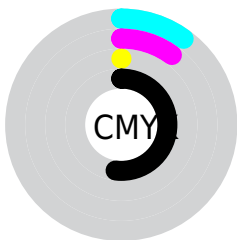
Blue (48%)



Red (43%)

Yellow (43%)

Blue (48%)

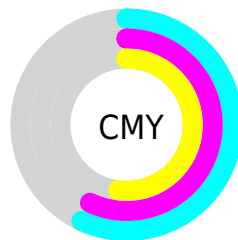


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5192, 15.8720, 20.6580 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 15.5192, 15.8720, 20.6580 by changing the saturation by 10% instead.

■ 15.5192, 15.8720,
20.6580

■ 15.5192, 15.8720,
20.6580

219.8143,
228.5852, 268.1764

■ 9.2733, 9.4336,
12.6854

■ 35.3257, 36.3758,
45.3910

■ 4.9784, 5.0251,
7.0841

■ 49.6170, 51.2101,
62.9886

■ 2.2692, 2.2620,
3.4355

■ 67.3207, 69.6118,
84.6315

■ 0.7788, 0.7535,
1.3211

■ 88.8023, 91.9653,
110.7385

■ 0.0000, 0.0000,
0.0790

114.4271,
118.6550, 141.7279

■ 0.0000, 0.0000,
0.0000

144.5605,

150.0653, 178.0183

179.5677,
186.5806, 220.0283

■ 15.5192, 15.8720,
20.6580

■ 15.5192, 15.8720,
20.6580

■ 12.8778, 12.6895,
20.1832

■ 18.5517, 19.5260,
21.2037

■ 10.6104, 9.9575,
19.7753

■ 21.9890, 23.6675,
21.8219

■ 8.7004, 7.6561,
19.4318

■ 25.8455, 28.3141,
22.5156

■ 7.1296, 5.7634,
19.1493

■ 30.1349, 33.4823,
23.2870

■ 5.8783, 4.2556,
18.9242

■ 34.8699, 39.1874,
24.1387

■ 4.9244, 3.1062,
18.7526

■ 40.0629, 45.4443,
25.0727

■ 4.2434, 2.2856,
18.6301

■ 45.7257, 52.2672,
26.0912

■ 3.8067, 1.7593,
18.5515

■ 51.8698, 59.6700,
27.1962

■ 3.5177, 1.4111,
18.4996

■ 58.5062, 67.6660,
28.3898

Harmonies

Analogous

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



14.9036, 15.8720, 20.8716



15.5192, 15.8720, 20.6580



16.0314, 15.8720, 19.5082

Triad

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



15.5192, 15.8720, 20.6580



15.8444, 15.8720, 14.7620



13.9407, 15.8720, 16.7632

Complementary

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



15.5192, 15.8720, 20.6580



17.8001, 19.1823, 17.5166

Split Complementary

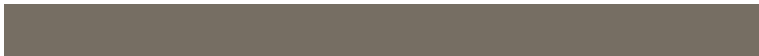
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.1782, 15.8720, 15.2318



15.5192, 15.8720, 20.6580



15.2696, 15.8720, 14.1294

Square

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



15.5192, 15.8720, 20.6580



16.2227, 15.8720, 16.0815



14.6607, 15.8720, 14.2953



14.0034, 15.8720, 18.5406

Rectangle

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



15.5192, 15.8720, 20.6580



16.2399, 15.8720, 18.4061



14.6607, 15.8720, 14.2953



13.9878, 15.8720, 16.2045

Sweetspot

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



15.5197, 15.8727, 20.6584



30.8344, 32.1789, 36.9789



16.8907, 18.6345, 21.0543



6.9615, 7.2507, 8.4393



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.



15.5197, 15.8727, 20.6584



26.1005, 26.4751, 36.1275



16.2650, 16.2567, 20.6932



3.7977, 3.8936, 4.9946



3.6986, 1.4797, 19.4760



17.6424, 7.0575, 92.9022

Inverse Universe

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



16.4168, 16.4156, 17.0559



28.0411, 27.6495, 28.3350



17.0034, 18.7719, 17.4793



3.9983, 4.0151, 4.1888



8.4502, 4.3562, 0.3959



40.3082, 20.7796, 1.8873

Previews

White Background



This preview shows how the XYZ color 15.5192, 15.8720, 20.6580 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 15.5192, 15.8720, 20.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

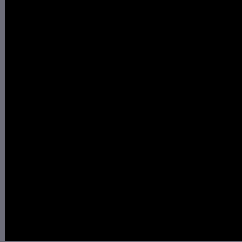
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

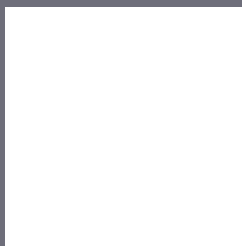
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5192, 15.8720, 20.6580

Background



This preview shows how black text looks on a background with the XYZ color 15.5192, 15.8720, 20.6580.



This preview shows how white text looks on a background with the XYZ color 15.5192, 15.8720,

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

15.5192, 15.8720, 20.6580

Protanopia

15.5192, 15.8720, 20.6580

Deuteranopia

16.0779, 15.8433, 20.6230



Tritanopia

15.3361, 15.7988, 19.6939

Trichromacy



Original Color

15.5192, 15.8720, 20.6580

Protanomaly

15.5192, 15.8720, 20.6580

Deuteranomaly

15.9209, 15.9198, 20.6461

Tritanomaly

15.3965, 15.8229, 20.0119

Monochromacy



Original Color

15.5192, 15.8720, 20.6580

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3345, 15.9862, 18.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5192, 15.8720, 20.6580 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(110, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 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(110, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.5192, 15.8720, 20.6580 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(110, 110, 122) }
```


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

```
.border{ border-color:rgb(110, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5192, 15.8720, 20.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 122) }
```

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

```
.background{ background-color: rgb(110,  
110, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor