

Converting Colors

XYZ(15.1790, 14.6562, 20.1174)

Have a look what the booklet for
XYZ(15.1790, 14.6562, 20.1174)
contains.

XYZ(15.1115, 14.5917, 20.1092)	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(15.1115, 14.5917,
20.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	716779
RGB	113, 103, 121
RGB Percent	44%, 40%, 47%
CMY	0.5569, 0.5961, 0.5255
CMYK	0.07, 0.15, 0.00, 0.53
HSL	273°, 8%, 44%
HSV	273°, 15%, 47%
XYZ	15.1115, 14.5917, 20.1092
YIQ	108.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

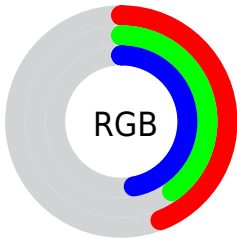
Format	Color
R_{YB}	113, 103, 121
Decimal	7432057
CIE Lab	45.07, 7.64, -8.60
CIE LCh	45, 11.504, 311.596
Yxy	14.5917, 0.3034, 0.2929
Android (android.graphics.Color)	4285622137 (0xFF716779)
YUV	108.0420, 6.3883, 4.3482
Hunter-Lab	38.1991, 3.7659, -4.4728

Details

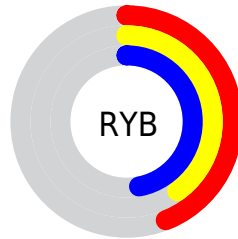
The XYZ color **15.1115, 14.5917, 20.1092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8417, 18.0339, 15.4787**, and the grayscale version is **14.2486, 14.9907, 16.3248**.

A 20% lighter version of the original color is **34.6155, 34.1277, 44.2980**, and **4.7638, 4.4200, 6.7330** is the 20% darker color. If you saturate the color by 10%, you get **13.3226, 12.0106, 19.7055**, and if you desaturate by 10%, it is **17.1165, 17.5436, 20.5735**.

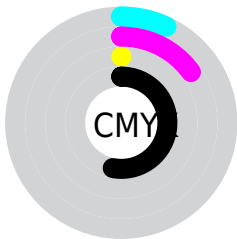
Distribution



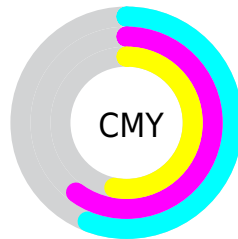
- Red (44%)
- Green (40%)
- Blue (47%)



- Red (44%)
- Yellow (40%)
- Blue (47%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1115, 14.5917, 20.1092 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 15.1115, 14.5917, 20.1092 by changing the saturation by 10% instead.

■ 15.1115, 14.5917,
20.1092

■ 15.1115, 14.5917,
20.1092

217.4151,
220.8814, 265.1294

■ 8.9845, 8.5333,
12.2896

■ 34.6187, 34.1353,
44.4616

■ 4.7881, 4.4381,
6.8163

■ 48.7296, 48.3893,
61.8314

■ 2.1570, 1.9215,
3.2708

■ 66.2326, 66.1440,
83.2217

■ 0.7199, 0.5613,
1.2345

■ 87.4929, 87.7838,
109.0510

■ 0.0000, 0.0000,
0.0072

112.8760,
113.6930, 139.7379

■ 0.0000, 0.0000,
0.0000

142.7471,

144.2561, 175.7009

177.4717,
179.8574, 217.3586

■ 15.1115, 14.5917,
20.1092

■ 15.1115, 14.5917,
20.1092

■ 13.3226, 12.0106,
19.7055

■ 17.1165, 17.5436,
20.5735

■ 11.7402, 9.7831,
19.3590

■ 19.3440, 20.8788,
21.0999

■ 10.3563, 7.8936,
19.0672

■ 21.8017, 24.6114,
21.6908

■ 9.1613, 6.3243,
18.8273

■ 24.4965, 28.7544,
22.3485

■ 8.1450, 5.0559,
18.6360

■ 27.4350, 33.3200,
23.0748

7.2961, 4.0670,
18.4899

30.6237, 38.3202,
23.8719

6.6018, 3.3331,
18.3848

34.0686, 43.7661,
24.7415

6.0425, 2.8163,
18.3145

37.7756, 49.6687,
25.6854

5.7809, 2.5815,
18.2830

41.7504, 56.0385,
26.7054

Harmonies

Analogous

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



14.2377, 14.5917, 21.5546



15.1115, 14.5917, 20.1092



15.6669, 14.5917, 17.5893

Triad

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



15.1115, 14.5917, 20.1092



14.4510, 14.5917, 11.4412



12.1629, 14.5917, 16.9579

Complementary

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



15.1115, 14.5917, 20.1092



15.8417, 18.0339, 15.4787

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.



12.2142, 14.5917, 14.2999



15.1115, 14.5917, 20.1092



13.5067, 14.5917, 11.3131

Square

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



15.1115, 14.5917, 20.1092



15.2737, 14.5917, 12.6754



12.6965, 14.5917, 12.3030



12.5531, 14.5917, 19.6019

Rectangle

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



15.1115, 14.5917, 20.1092



15.7672, 14.5917, 15.7432



12.6965, 14.5917, 12.3030



12.1296, 14.5917, 16.0334

Sweetspot

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



15.1119, 14.5923, 20.1095



30.9452, 31.8531, 36.9102



14.7406, 15.6554, 20.3343



7.0201, 7.2006, 8.4265



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.



15.1119, 14.5923, 20.1095



25.8719, 24.4030, 35.7396



16.1321, 15.1246, 19.8705



3.9906, 3.9931, 5.0036



6.1820, 2.7597, 19.5921



28.4978, 12.6532, 93.4101

Inverse Universe

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



15.6052, 14.9138, 17.0958



26.9597, 25.1112, 29.1319



14.9251, 17.5562, 15.6728



4.0654, 4.0419, 4.5423



9.1527, 4.6372, 4.0951



43.2444, 21.9541, 17.3489

Previews

White Background



This preview shows how the XYZ color 15.1115, 14.5917, 20.1092 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 15.1115, 14.5917, 20.1092 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 15.1115, 14.5917, 20.1092

Background



This preview shows how black text looks on a background with the XYZ color 15.1115, 14.5917, 20.1092.



This preview shows how white text looks on a background with the XYZ color 15.1115, 14.5917,

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

15.1115, 14.5917, 20.1092

Protanopia

14.4381, 14.6812, 20.8117

Deuteranopia

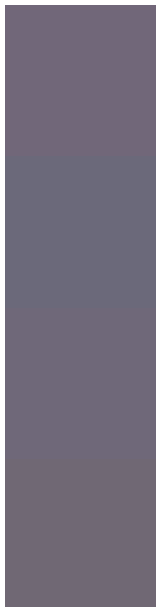
14.8319, 14.5961, 20.1248



Tritanopia

14.6130, 14.5376, 17.6586

Trichromacy



Original Color

15.1115, 14.5917, 20.1092

Protanomaly

14.6278, 14.6341, 20.4660

Deuteranomaly

14.9570, 14.6606, 20.1306

Tritanomaly

14.7848, 14.6063, 18.5631

Monochromacy



Original Color

15.1115, 14.5917, 20.1092

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5651, 14.8153, 17.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1115, 14.5917, 20.1092 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, 103, 121)` looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 121)  
}
```

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, 103, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.1115, 14.5917, 20.1092 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, 103, 121) }
```


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

```
.border{ border-color:rgb(113, 103, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 121);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1115, 14.5917, 20.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 121) }
```

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

```
.background{ background-color: rgb(113,  
103, 121) }
```

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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