

Converting Colors

XYZ(15.1647, 15.1719, 20.9683)

Have a look what the booklet for
XYZ(15.1647, 15.1719, 20.9683)
contains.

XYZ(15.1395, 15.1967, 20.8742)	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(15.1395, 15.1967,
20.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6B7B
RGB	109, 107, 123
RGB Percent	43%, 42%, 48%
CMY	0.5725, 0.5804, 0.5176
CMYK	0.11, 0.13, 0.00, 0.52
HSL	247°, 7%, 45%
HSV	247°, 13%, 48%
XYZ	15.1395, 15.1967, 20.8742
YIQ	109.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

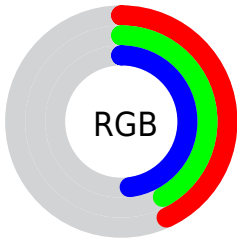
Format	Color
R_{YB}	109, 107, 123
Decimal	7170939
CIE _{Lab}	45.90, 4.22, -8.59
CIE _{LCh}	46, 9.572, 296.129
Yxy	15.1967, 0.2956, 0.2968
Android (android.graphics.Color)	4285361019 (0xFF6D6B7B)
YUV	109.4220, 6.6940, -0.3701
Hunter-Lab	38.9829, 1.1025, -4.4600

Details

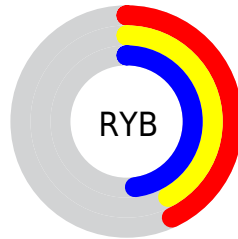
The XYZ color **15.1395, 15.1967, 20.8742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6226, 19.2929, 16.7058**, and the grayscale version is **14.6385, 15.4008, 16.7715**.

A 20% lighter version of the original color is **34.6627, 35.1259, 45.5105**, and **4.7764, 4.7182, 7.1375** is the 20% darker color. If you saturate the color by 10%, you get **12.7033, 12.1709, 20.4188**, and if you desaturate by 10%, it is **17.9213, 18.6722, 21.3987**.

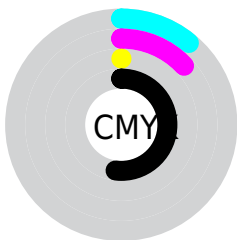
Distribution



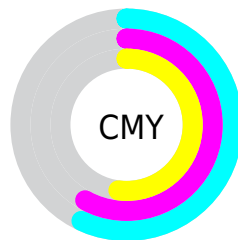
- Red (43%)
- Green (42%)
- Blue (48%)



- Red (43%)
- Yellow (42%)
- Blue (48%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1395, 15.1967, 20.8742 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 15.1395, 15.1967, 20.8742 by changing the saturation by 10% instead.

■ 15.1395, 15.1967,
20.8742

■ 15.1395, 15.1967,
20.8742

217.5807,
224.5537, 269.3682

■ 9.0043, 8.9576,
12.8417

■ 34.6674, 35.1979,
45.7561

■ 4.8011, 4.7135,
7.1902

■ 48.7907, 49.7287,
63.4427

■ 2.1646, 2.0802,
3.5011

■ 66.3076, 67.7922,
85.1844

■ 0.7240, 0.6534,
1.3558

■ 87.5832, 89.7728,
111.3997

■ 0.0000, 0.0000,
0.1069

112.9829,
116.0548, 142.5072

■ 0.0000, 0.0000,
0.0000

142.8722,

147.0227, 178.9254

177.6164,
183.0609, 221.0729

■ 15.1395, 15.1967,
20.8742

■ 15.1395, 15.1967,
20.8742

■ 12.7033, 12.1709,
20.4188

■ 17.9213, 18.6722,
21.3987

■ 10.5977, 9.5747,
20.0287

■ 21.0600, 22.6129,
21.9939

■ 8.8089, 7.3889,
19.7010

■ 24.5682, 27.0357,
22.6627

■ 7.3213, 5.5926,
19.4327

■ 28.4574, 31.9562,
23.4074

■ 6.1183, 4.1628,
19.2201

■ 32.7386, 37.3892,
24.2304

■ 5.1814, 3.0738,
19.0593

■ 37.4224, 43.3490,
25.1339

■ 4.4898, 2.2970,
18.9458

■ 42.5190, 49.8493,
26.1200

■ 4.0194, 1.7977,
18.8743

■ 48.0382, 56.9032,
27.1907

■ 3.7781, 1.5347,
18.8362

■ 53.9894, 64.5236,
28.3479

Harmonies

Analogous

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



14.3393, 15.1967, 21.3979



15.1395, 15.1967, 20.8742



15.7736, 15.1967, 19.1539

Triad

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



15.1395, 15.1967, 20.8742



15.3278, 15.1967, 13.1185



12.9479, 15.1967, 16.2479

Complementary

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



15.1395, 15.1967, 20.8742



17.6226, 19.2929, 16.7058

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.



13.1913, 15.1967, 14.1874



15.1395, 15.1967, 20.8742



14.5492, 15.1967, 12.4903

Square

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



15.1395, 15.1967, 20.8742



15.8851, 15.1967, 14.6624



13.7701, 15.1967, 12.8628



13.0928, 15.1967, 18.5858

Rectangle

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



15.1395, 15.1967, 20.8742



16.0064, 15.1967, 17.6370



13.7701, 15.1967, 12.8628



12.9868, 15.1967, 15.5021

Sweetspot

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



15.1400, 15.1973, 20.8745



31.5174, 32.7173, 38.2105



16.4927, 18.2635, 21.3951



7.3425, 7.6049, 8.9840



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1400, 15.1973, 20.8745



25.5657, 25.2903, 37.0907



16.1516, 15.7189, 20.9219



3.8399, 3.9153, 4.9965



3.9054, 1.5861, 19.4856



18.2231, 7.3564, 92.9292

Inverse Universe

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



16.8779, 16.1076, 20.3096



29.4074, 27.3030, 35.8158



16.5645, 18.7474, 16.6563



4.1340, 4.0693, 4.9032



11.2292, 5.4678, 15.0296



53.3492, 25.9960, 70.5602

Previews

White Background



This preview shows how the XYZ color 15.1395, 15.1967, 20.8742 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 15.1395, 15.1967, 20.8742 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 15.1395, 15.1967, 20.8742

Background



This preview shows how black text looks on a background with the XYZ color 15.1395, 15.1967, 20.8742.



This preview shows how white text looks on a background with the XYZ color 15.1395, 15.1967,

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

15.1395, 15.1967, 20.8742

Protanopia

14.9445, 15.2445, 21.2236

Deuteranopia

15.4113, 15.1829, 20.8572



Tritanopia

14.7578, 15.1976, 18.9852

Trichromacy



Original Color

15.1395, 15.1967, 20.8742

Protanomaly

15.0641, 15.3062, 21.2292

Deuteranomaly

15.2847, 15.1176, 20.8513

Tritanomaly

14.8767, 15.2452, 19.6113

Monochromacy



Original Color

15.1395, 15.1967, 20.8742

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7065, 15.1912, 18.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1395, 15.1967, 20.8742 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(109, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 123)  
}
```

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(109, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 123) }
```

Border

The CSS property to change the border of an element to XYZ 15.1395, 15.1967, 20.8742 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(109, 107, 123) }
```


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

```
.border{ border-color:rgb(109, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1395, 15.1967, 20.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 123) }
```

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

```
.background{ background-color: rgb(109,  
107, 123) }
```

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