

Converting Colors

XYZ(15.1207, 17.7245, 22.8742)

Have a look what the booklet for
XYZ(15.1207, 17.7245, 22.8742)
contains.

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Color

**XYZ(15.1702, 17.7017,
23.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7A80
RGB	91, 122, 128
RGB Percent	36%, 48%, 50%
CMY	0.6431, 0.5216, 0.4980
CMYK	0.29, 0.05, 0.00, 0.50
HSL	190°, 17%, 43%
HSV	190°, 29%, 50%
XYZ	15.1702, 17.7017, 23.0393
YIQ	113.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

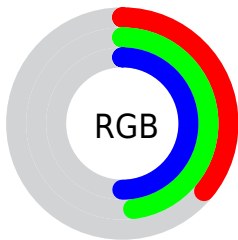
Format	Color
R_{YB}	91, 108, 128
Decimal	5995136
CIE _{Lab}	49.13, -9.52, -6.88
CIE _{LCh}	49, 11.749, 215.854
Yxy	17.7017, 0.2713, 0.3166
Android (android.graphics.Color)	4284185216 (0xFF5B7A80)
YUV	113.4150, 7.1904, -19.6580
Hunter-Lab	42.0734, -9.2675, -3.0157

Details

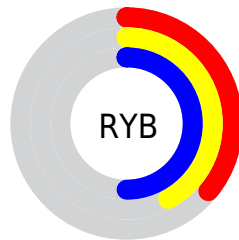
The XYZ color **15.1702, 17.7017, 23.0393** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.0654, 13.8941, 11.7858**, and the grayscale version is **15.8034, 16.6264, 18.1061**.

A 20% lighter version of the original color is **34.6319, 39.3591, 49.4878**, and **4.7901, 5.8432, 8.2725** is the 20% darker color. If you saturate the color by 10%, you get **13.7625, 16.6022, 22.9016**, and if you desaturate by 10%, it is **16.7997, 18.9245, 23.1897**.

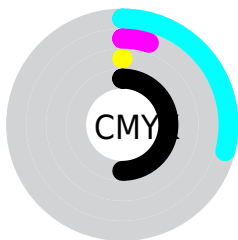
Distribution



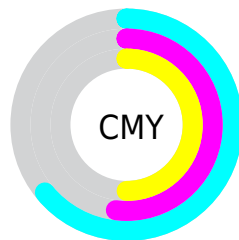
- Red (36%)
- Green (48%)
- Blue (50%)



- Red (36%)
- Yellow (42%)
- Blue (50%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (64%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1702, 17.7017, 23.0393 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 15.1702, 17.7017, 23.0393 by changing the saturation by 10% instead.

■ 15.1702, 17.7017,
23.0393

■ 15.1702, 17.7017,
23.0393

217.7621,
239.1843, 281.0552

■ 9.0260, 10.7360,
14.4170

■ 34.7207, 39.5284,
49.3819

■ 4.8154, 5.8896,
8.2692

■ 48.8577, 55.1582,
67.9392

■ 2.1730, 2.7781,
4.1774

■ 66.3897, 74.4448,
90.6452

■ 0.7285, 1.0170,
1.7232

■ 87.6821, 97.7727,
117.9185

■ 0.0000, 0.0000,
0.3765

113.1002,
125.5261, 150.1776

■ 0.0000, 0.0000,
0.0000

143.0093,

158.0896, 187.8411

177.7748,
195.8475, 231.3274

■ 15.1702, 17.7017,
23.0393

■ 15.1702, 17.7017,
23.0393

■ 13.7625, 16.6022,
22.9016

■ 16.7997, 18.9245,
23.1897

■ 12.5640, 15.6181,
22.7748

■ 18.6595, 20.2738,
23.3521

■ 11.5633, 14.7440,
22.6588

■ 20.7598, 21.7551,
23.5274

■ 10.7474, 13.9730,
22.5530

■ 23.1094, 23.3733,
23.7159

■ 10.1014, 13.2975,
22.4567

■ 25.7171, 25.1327,
23.9180

■ 9.6082, 12.7087,
22.3690

■ 28.5907, 27.0376,
24.1343

■ 9.2213, 12.1824,
22.2878

■ 31.7382, 29.0920,
24.3649

■ 9.1800, 12.1258,
22.2791

■ 35.1669, 31.2998,
24.6104

■ 38.8840, 33.6648,
24.8709

Harmonies

Analogous

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



14.8098, 17.7017, 19.8978



15.1702, 17.7017, 23.0393



15.9755, 17.7017, 25.3385

Triad

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



15.1702, 17.7017, 23.0393



18.8271, 17.7017, 21.8563



16.6104, 17.7017, 13.8605

Complementary

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



15.1702, 17.7017, 23.0393



15.0654, 13.8941, 11.7858

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.



17.7039, 17.7017, 14.2639



15.1702, 17.7017, 23.0393



19.0151, 17.7017, 18.6636

Square

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



15.1702, 17.7017, 23.0393



18.0928, 17.7017, 24.6052



18.5958, 17.7017, 15.9433



15.6177, 17.7017, 14.7747

Rectangle

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



15.1702, 17.7017, 23.0393



16.6727, 17.7017, 25.9598



18.5958, 17.7017, 15.9433



16.9781, 17.7017, 13.8479

Sweetspot

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



15.1707, 17.7024, 23.0397



32.7476, 35.6195, 41.1056



14.1707, 18.5175, 14.0274



7.5659, 8.2670, 9.6153



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.1707, 17.7024, 23.0397



24.9588, 29.8084, 40.3944



13.1563, 13.6737, 22.3682



4.3890, 4.7719, 5.5030



9.1033, 12.0251, 22.0912



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1565, 13.4770, 20.1629



27.0384, 21.1618, 34.2652



16.9272, 17.6178, 12.4064



4.4692, 4.4008, 5.2751



11.4719, 5.6084, 14.3406



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1702, 17.7017, 23.0393 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 15.1702, 17.7017, 23.0393 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 15.1702, 17.7017, 23.0393

Background



This preview shows how black text looks on a background with the XYZ color 15.1702, 17.7017, 23.0393.



This preview shows how white text looks on a background with the XYZ color 15.1702, 17.7017,

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

15.1702, 17.7017, 23.0393

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

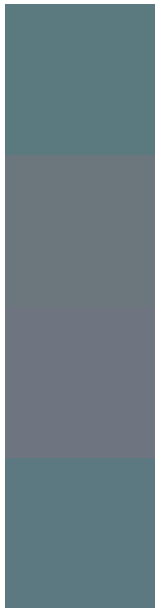
17.9604, 17.5595, 23.5618



Tritanopia

15.3477, 17.5887, 24.0588

Trichromacy



Original Color

15.1702, 17.7017, 23.0393

Protanomaly

16.2435, 17.5633, 21.9360

Deuteranomaly

16.7634, 17.4553, 23.2546

Tritanomaly

15.2803, 17.5618, 23.7035

Monochromacy



Original Color

15.1702, 17.7017, 23.0393

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3411, 16.8020, 19.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1702, 17.7017, 23.0393 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(91, 122, 128) looks like.

```
.text, #text, p{  
    color:rgb(91, 122, 128)  
}
```

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(91, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 122, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.1702, 17.7017, 23.0393 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(91, 122, 128) }
```


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

```
.border{ border-color:rgb(91, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(91, 122,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1702, 17.7017, 23.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 122, 128) }
```

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

```
.background{ background-color: rgb(91, 122,  
128) }
```

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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