

Converting Colors

XYZ(15.0788, 17.7702, 20.2937)

Have a look what the booklet for
XYZ(15.0788, 17.7702, 20.2937)
contains.

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Color

**XYZ(15.0690, 17.7080,
20.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7A78
RGB	95, 122, 120
RGB Percent	37%, 48%, 47%
CMY	0.6274, 0.5216, 0.5294
CMYK	0.22, 0.00, 0.02, 0.52
HSL	176°, 12%, 43%
HSV	176°, 22%, 48%
XYZ	15.0690, 17.7080, 20.3931
YIQ	113.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

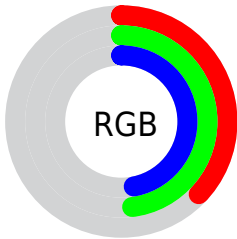
Format	Color
R_{YB}	95, 109, 122
Decimal	6257272
CIE _{Lab}	49.14, -10.16, -2.12
CIE _{LCh}	49, 10.379, 191.780
Yxy	17.7080, 0.2834, 0.3330
Android (android.graphics.Color)	4284447352 (0xFF5F7A78)
YUV	113.6990, 3.1064, -16.3990
Hunter-Lab	42.0809, -9.7214, 0.7237

Details

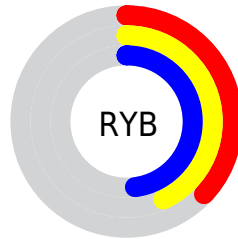
The XYZ color **15.0690, 17.7080, 20.3931** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2765, 13.1855, 13.1025**, and the grayscale version is **15.8988, 16.7268, 18.2155**.

A 20% lighter version of the original color is **34.4365, 39.3617, 44.8123**, and **4.7712, 5.8613, 7.0108** is the 20% darker color. If you saturate the color by 10%, you get **13.8452, 17.0839, 20.0510**, and if you desaturate by 10%, it is **16.4929, 18.4361, 20.7480**.

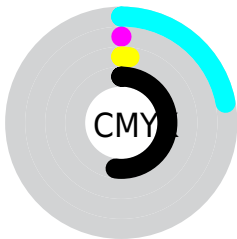
Distribution



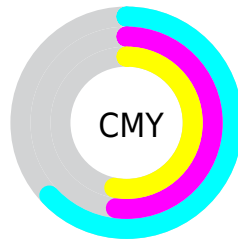
- Red (37%)
- Green (48%)
- Blue (47%)



- Red (37%)
- Yellow (43%)
- Blue (48%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0690, 17.7080, 20.3931 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 15.0690, 17.7080, 20.3931 by changing the saturation by 10% instead.

■ 15.0690, 17.7080,
20.3931

■ 15.0690, 17.7080,
20.3931

217.1636,
239.2200, 266.7096

■ 8.9545, 10.7406,
12.4942

■ 34.5448, 39.5391,
44.9429

■ 4.7684, 5.8927,
6.9546

■ 48.6369, 55.1716,
62.4308

■ 2.1454, 2.7799,
3.3557

■ 66.1187, 74.4612,
83.9522

■ 0.7137, 1.0179,
1.2790

■ 87.3558, 97.7923,
109.9256

■ 0.0000, 0.0000,
0.0445

112.7135,
125.5494, 140.7695

■ 0.0000, 0.0000,
0.0000

142.5571,

158.1168, 176.9024

177.2520,
195.8788, 218.7429

■ 15.0690, 17.7080,
20.3931

■ 15.0690, 17.7080,
20.3931

■ 13.8452, 17.0839,
20.0510

■ 16.4929, 18.4361,
20.7480

■ 12.8106, 16.5568,
19.7201

■ 18.1239, 19.2705,
21.1149

■ 11.9560, 16.1224,
19.4003

■ 19.9707, 20.2161,
21.4947

■ 11.2704, 15.7751,
19.0911

■ 22.0409, 21.2768,
21.8876

■ 10.7417, 15.5086,
18.7920

■ 24.3419, 22.4563,
22.2941

■ 10.3564, 15.3160,
18.5022

■ 26.8805, 23.7584,
22.7144

■ 10.0985, 15.1890,
18.2210

■ 29.6635, 25.1863,
23.1490

■ 9.9382, 15.1110,
18.0036

■ 32.6973, 26.7435,
23.5980

■ 35.9880, 28.4331,
24.0618

Harmonies

Analogous

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



15.1195, 17.7080, 17.6574



15.0690, 17.7080, 20.3931



15.4770, 17.7080, 23.0665

Triad

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



15.0690, 17.7080, 20.3931



18.1055, 17.7080, 23.5484



17.4213, 17.7080, 14.6360

Complementary

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



15.0690, 17.7080, 20.3931



14.2765, 13.1855, 13.1025

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.



18.2616, 17.7080, 15.9341



15.0690, 17.7080, 20.3931



18.6669, 17.7080, 21.0012

Square

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



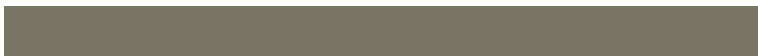
15.0690, 17.7080, 20.3931



17.2149, 17.7080, 25.0018



18.7251, 17.7080, 18.2101



16.4527, 17.7080, 14.5071

Rectangle

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



15.0690, 17.7080, 20.3931



15.9636, 17.7080, 24.3853



18.7251, 17.7080, 18.2101



17.7291, 17.7080, 14.9438

Sweetspot

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



15.0695, 17.7087, 20.3935



30.3922, 33.1378, 36.8180



13.9820, 17.3011, 13.4293



6.9226, 7.5634, 8.4125



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.



15.0695, 17.7087, 20.3935



25.2796, 30.5252, 35.5417



13.8899, 15.1530, 20.6059



4.0949, 4.5076, 5.0334



10.4616, 15.9083, 18.9473



49.7655, 75.8292, 89.6578

Inverse Universe

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



14.2765, 13.1855, 13.1025



23.6026, 20.9569, 20.1210



15.2720, 15.3240, 12.9797



4.0092, 4.0194, 4.2464



8.5009, 4.3765, 0.6627



40.4232, 20.8256, 2.4925

Previews

White Background



This preview shows how the XYZ color 15.0690, 17.7080, 20.3931 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 15.0690, 17.7080, 20.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

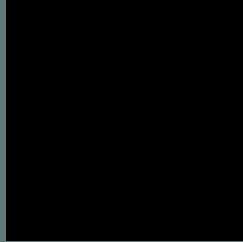
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0690, 17.7080, 20.3931

Background



This preview shows how black text looks on a background with the XYZ color 15.0690, 17.7080, 20.3931.



This preview shows how white text looks on a background with the XYZ color 15.0690, 17.7080,

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

15.0690, 17.7080, 20.3931

Protanopia

16.8690, 17.6033, 19.0317

Deuteranopia

17.8754, 17.5754, 20.8626



Tritanopia

15.6755, 17.5860, 23.6874

Trichromacy



Original Color

15.0690, 17.7080, 20.3931

Protanomaly

16.1197, 17.5562, 19.3687

Deuteranomaly

16.6360, 17.4487, 20.5803

Tritanomaly

15.4271, 17.6679, 22.3358

Monochromacy



Original Color

15.0690, 17.7080, 20.3931

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5771, 17.1093, 19.0044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0690, 17.7080, 20.3931 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(95, 122, 120) looks like.

```
.text, #text, p{  
    color:rgb(95, 122, 120)  
}
```

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(95, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 122, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.0690, 17.7080, 20.3931 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(95, 122, 120) }
```


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

```
.border{ border-color:rgb(95, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(95, 122,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0690, 17.7080, 20.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 122, 120) }
```

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

```
.background{ background-color: rgb(95, 122,  
120) }
```

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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