

Converting Colors

XYZ(15.2141, 17.5020, 23.8207)

Have a look what the booklet for
XYZ(15.2141, 17.5020, 23.8207)
contains.

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Color

**XYZ(15.1810, 17.5106,
23.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7982
RGB	91, 121, 130
RGB Percent	36%, 47%, 51%
CMY	0.6431, 0.5255, 0.4902
CMYK	0.30, 0.07, 0.00, 0.49
HSL	194°, 18%, 43%
HSV	194°, 30%, 51%
XYZ	15.1810, 17.5106, 23.6989
YIQ	113.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

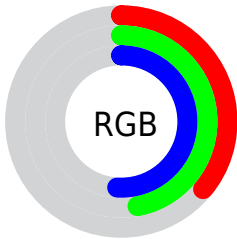
Format	Color
R _Y B	91, 108, 130
Decimal	5994882
CIE Lab	48.90, -8.44, -8.41
CIE LCh	49, 11.921, 224.896
Yxy	17.5106, 0.2692, 0.3105
Android (android.graphics.Color)	4284184962 (0xFF5B7982)
YUV	113.0560, 8.3534, -19.3431
Hunter-Lab	41.8457, -8.4727, -4.2864

Details

The XYZ color **15.1810, 17.5106, 23.6989** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6516, 14.6156, 11.8940**, and the grayscale version is **15.6934, 16.5107, 17.9802**.

A 20% lighter version of the original color is **34.6461, 39.0568, 50.5124**, and **4.7988, 5.7424, 8.6401** is the 20% darker color. If you saturate the color by 10%, you get **13.6501, 16.1890, 23.5248**, and if you desaturate by 10%, it is **16.9463, 18.9707, 23.8880**.

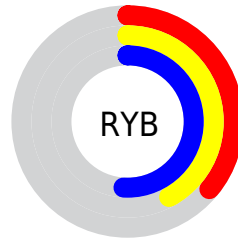
Distribution



Red (36%)

Green (47%)

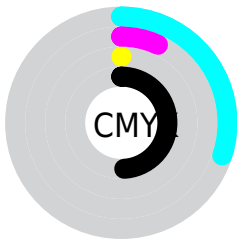
Blue (51%)



Red (36%)

Yellow (42%)

Blue (51%)

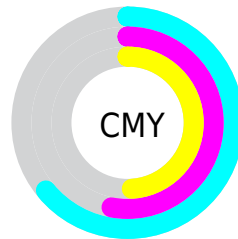


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1810, 17.5106, 23.6989 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 15.1810, 17.5106, 23.6989 by changing the saturation by 10% instead.

■ 15.1810, 17.5106,
23.6989

■ 15.1810, 17.5106,
23.6989

217.8259,
238.0979, 284.5320

■ 9.0337, 10.5992,
14.9003

■ 34.7394, 39.2016,
50.4761

■ 4.8204, 5.7980,
8.6036

■ 48.8813, 54.7500,
69.2917

■ 2.1760, 2.7227,
4.3903

■ 66.4186, 73.9462,
92.2834

■ 0.7300, 0.9887,
1.8418

■ 87.7169, 97.1746,
119.8697

■ 0.0000, 0.0000,
0.4553

113.1414,
124.8196, 152.4692

■ 0.0000, 0.0000,
0.0000

143.0575,

157.2655, 190.5004

177.8305,
194.8968, 234.3818

■ 15.1810, 17.5106,
23.6989

■ 15.1810, 17.5106,
23.6989

■ 13.6501, 16.1890,
23.5248

■ 16.9463, 18.9707,
23.8880

■ 12.3405, 14.9978,
23.3639

■ 18.9552, 20.5729,
24.0914

■ 11.2402, 13.9310,
23.2160

■ 21.2183, 22.3233,
24.3099

■ 10.3352, 12.9813,
23.0804

■ 23.7450, 24.2268,
24.5442

■ 9.6099, 12.1404,
22.9563

■ 26.5442, 26.2882,
24.7945

■ 9.0461, 11.3988,
22.8429

■ 29.6245, 28.5121,
25.0614

■ 8.5871, 10.7272,
22.7374

■ 32.9941, 30.9029,
25.3453

■ 8.5870, 10.7271,
22.7374

■ 36.6608, 33.4646,
25.6465

■ 40.6320, 36.2013,
25.9654

Harmonies

Analogous

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



14.6705, 17.5106, 20.6759



15.1810, 17.5106, 23.6989



16.0950, 17.5106, 25.5755

Triad

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



15.1810, 17.5106, 23.6989



18.7833, 17.5106, 20.6985



16.1023, 17.5106, 13.7624

Complementary

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



15.1810, 17.5106, 23.6989



15.6516, 14.6156, 11.8940

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.



17.2039, 17.5106, 13.7670



15.1810, 17.5106, 23.6989



18.7855, 17.5106, 17.5420

Square

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



15.1810, 17.5106, 23.6989



18.1908, 17.5106, 23.7170



18.1966, 17.5106, 15.0801



15.1861, 17.5106, 15.0668

Rectangle

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



15.1810, 17.5106, 23.6989



16.8256, 17.5106, 25.8052



18.1966, 17.5106, 15.0801



16.4624, 17.5106, 13.6160

Sweetspot

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



15.1815, 17.5113, 23.6993



33.6816, 36.4656, 42.4558



14.5711, 19.0992, 14.8364



7.5178, 8.1707, 9.5992



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.



15.1815, 17.5113, 23.6993



24.8538, 29.2256, 41.5237



13.1003, 13.3488, 23.0055



4.3650, 4.7239, 5.4950



8.2388, 10.2960, 21.8031



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3986, 13.6089, 19.8524



27.4041, 21.3661, 33.3916



17.6855, 18.6833, 12.5720



4.4570, 4.3960, 5.2113



11.0355, 5.4339, 12.0427



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1810, 17.5106, 23.6989 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 15.1810, 17.5106, 23.6989 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 15.1810, 17.5106, 23.6989

Background



This preview shows how black text looks on a background with the XYZ color 15.1810, 17.5106, 23.6989.



This preview shows how white text looks on a background with the XYZ color 15.1810, 17.5106,

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

15.1810, 17.5106, 23.6989

Protanopia

16.9669, 17.4127, 22.2054

Deuteranopia

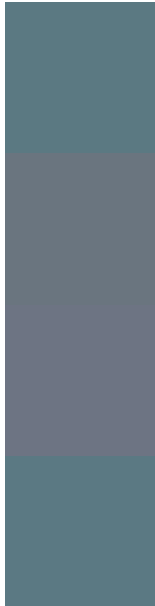
17.8157, 17.4693, 24.2627



Tritanopia

15.2485, 17.5376, 24.0541

Trichromacy



Original Color

15.1810, 17.5106, 23.6989

Protanomaly

16.1359, 17.3191, 22.5711

Deuteranomaly

16.6488, 17.3807, 23.9501

Tritanomaly

15.2485, 17.5376, 24.0541

Monochromacy



Original Color

15.1810, 17.5106, 23.6989

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4009, 16.8259, 19.8888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1810, 17.5106, 23.6989 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, 121, 130) looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 130)  
}
```

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, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.1810, 17.5106, 23.6989 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, 121, 130) }
```


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

```
.border{ border-color:rgb(91, 121, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 121, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 130);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1810, 17.5106, 23.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 130) }
```

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

```
.background{ background-color: rgb(91, 121,  
130) }
```

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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