

Converting Colors

XYZ(15.0543, 17.5941, 23.6591)

Have a look what the booklet for
XYZ(15.0543, 17.5941, 23.6591)
contains.

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Color

**XYZ(15.1086, 17.6546,
23.7305)**

Conversions

Conversions Part 1	
Format	Color
Hex	597A82
RGB	89, 122, 130
RGB Percent	35%, 48%, 51%
CMY	0.6510, 0.5216, 0.4902
CMYK	0.32, 0.06, 0.00, 0.49
HSL	192°, 19%, 43%
HSV	192°, 32%, 51%
XYZ	15.1086, 17.6546, 23.7305
YIQ	113.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

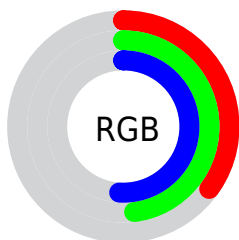
Format	Color
RYB	89, 107, 130
Decimal	5864066
CIELab	49.07, -9.64, -8.16
CIELCh	49, 12.632, 220.249
Yxy	17.6546, 0.2674, 0.3125
Android (android.graphics.Color)	4284054146 (0xFF597A82)
YUV	113.0450, 8.3588, -21.0875
Hunter-Lab	42.0174, -9.3454, -4.0735

Details

The XYZ color **15.1086, 17.6546, 23.7305** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.2840, 14.0166, 11.3515**, and the grayscale version is **15.6905, 16.5076, 17.9768**.

A 20% lighter version of the original color is **34.4985, 39.2665, 50.5607**, and **4.7822, 5.8306, 8.6579** is the 20% darker color. If you saturate the color by 10%, you get **13.6624, 16.4532, 23.5751**, and if you desaturate by 10%, it is **16.7843, 18.9873, 23.8997**.

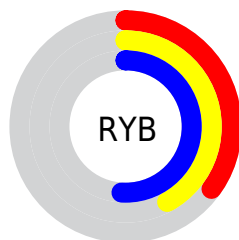
Distribution



Red (35%)

Green (48%)

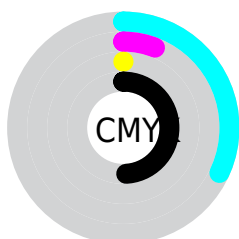
Blue (51%)



Red (35%)

Yellow (42%)

Blue (51%)

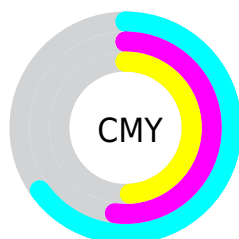


Cyan (32%)

Magenta (6%)

Yellow (0%)

Black (49%)



Cyan (65%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1086, 17.6546, 23.7305 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 15.1086, 17.6546, 23.7305 by changing the saturation by 10% instead.


 15.1086, 17.6546,
23.7305


 15.1086, 17.6546,
23.7305


217.3980,
238.9169, 284.6977

 8.9825, 10.7023,
14.9235


 34.6137, 39.4479,
50.5284


 4.7868, 5.8670,
8.6197


 48.7233, 55.0577,
69.3563

 2.1562, 2.7644,
4.4005

 66.2248, 74.3220,
92.3616

 0.7195, 1.0100,
1.8476

 87.4836, 97.6254,
119.9628

 0.0000, 0.0000,
0.4591

112.8649,
125.3522, 152.5785

 0.0000, 0.0000,
0.0000

142.7342,

157.8868, 190.6272

177.4567,
195.6136, 234.5274

■ 15.1086, 17.6546,
23.7305

■ 15.1086, 17.6546,
23.7305

■ 13.6624, 16.4532,
23.5751

■ 16.7843, 18.9873,
23.8997

■ 12.4324, 15.3748,
23.4318

■ 18.6988, 20.4548,
24.0821

■ 11.4066, 14.4135,
23.3003

■ 20.8627, 22.0630,
24.2784

■ 10.5708, 13.5620,
23.1800

■ 23.2854, 23.8171,
24.4893

■ 9.9090, 12.8119,
23.0701

■ 25.9760, 25.7217,
24.7151

9.4027, 12.1535,
22.9697

28.9430, 27.7813,
24.9563

9.0442, 11.6415,
22.8898

32.1947, 30.0002,
25.2132

35.7388, 32.3825,
25.4862

39.5828, 34.9322,
25.7758

Harmonies

Analogous

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



14.6466, 17.6546, 20.4014



15.1086, 17.6546, 23.7305



16.0256, 17.6546, 26.0041

Triad

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



15.1086, 17.6546, 23.7305



19.0056, 17.6546, 21.5016



16.3800, 17.6546, 13.5154

Complementary

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



15.1086, 17.6546, 23.7305



15.2840, 14.0166, 11.3515

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.



17.5580, 17.6546, 13.7367



15.1086, 17.6546, 23.7305



19.1114, 17.6546, 18.0906

Square

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



15.1086, 17.6546, 23.7305



18.2880, 17.6546, 24.6165



18.5707, 17.6546, 15.3256



15.3576, 17.6546, 14.6809

Rectangle

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



15.1086, 17.6546, 23.7305



16.7900, 17.6546, 26.4741



18.5707, 17.6546, 15.3256



16.7703, 17.6546, 13.4337

Sweetspot

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



15.1091, 17.6553, 23.7309



33.7791, 36.6604, 42.4883



14.2380, 18.9435, 14.0979



7.5428, 8.2206, 9.6075



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.



15.1091, 17.6553, 23.7309



24.7039, 29.5198, 41.5883



12.8992, 13.2354, 22.9943



4.3774, 4.7488, 5.4992



8.6766, 11.1716, 21.9490



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2916, 13.2961, 20.1209



27.1834, 20.7225, 33.9412



17.3727, 18.1939, 12.0477



4.4633, 4.3985, 5.2444



11.2565, 5.5223, 13.2064



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1086, 17.6546, 23.7305 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 15.1086, 17.6546, 23.7305 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

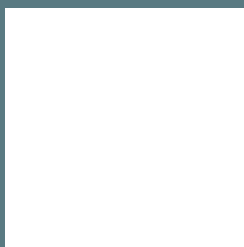
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1086, 17.6546, 23.7305

Background



This preview shows how black text looks on a background with the XYZ color 15.1086, 17.6546, 23.7305.



This preview shows how white text looks on a background with the XYZ color 15.1086, 17.6546,

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

15.1086, 17.6546, 23.7305

Protanopia

16.9669, 17.4127, 22.2054

Deuteranopia

17.8157, 17.4693, 24.2627



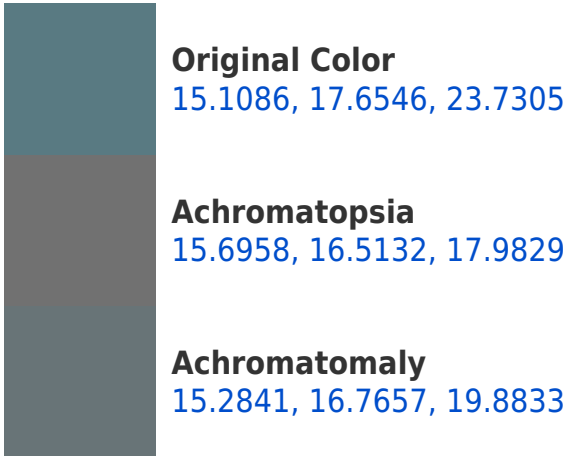
Tritanopia

15.2442, 17.7089, 24.4445

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1086, 17.6546, 23.7305 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(89, 122, 130) looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 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(89, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.1086, 17.6546, 23.7305 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(89, 122, 130) }
```


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

```
.border{ border-color:rgb(89, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1086, 17.6546, 23.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 130) }
```

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

```
.background{ background-color: rgb(89, 122,  
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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