

Converting Colors

XYZ(15.3220, 17.6772, 25.5816)

Have a look what the booklet for
XYZ(15.3220, 17.6772, 25.5816)
contains.

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Color

**XYZ(15.3572, 17.7430,
25.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	587A87
RGB	88, 122, 135
RGB Percent	35%, 48%, 53%
CMY	0.6549, 0.5216, 0.4706
CMYK	0.35, 0.10, 0.00, 0.47
HSL	197°, 21%, 44%
HSV	197°, 35%, 53%
XYZ	15.3572, 17.7430, 25.5370
YIQ	113.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

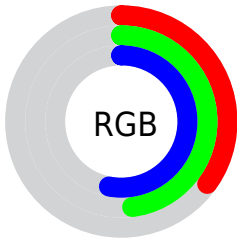
Format	Color
R_{YB}	88, 108, 135
Decimal	5798535
CIE _{Lab}	49.18, -8.63, -10.95
CIE _{LCh}	49, 13.946, 231.765
Yxy	17.7430, 0.2619, 0.3026
Android (android.graphics.Color)	4283988615 (0xFF587A87)
YUV	113.3160, 10.6902, -22.2021
Hunter-Lab	42.1224, -8.6359, -6.4592

Details

The XYZ color **15.3572, 17.7430, 25.5370** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.4071, 15.1631, 11.2950**, and the grayscale version is **15.7647, 16.5857, 18.0618**.

A 20% lighter version of the original color is **34.8606, 39.3919, 53.3430**, and **4.8589, 5.8523, 9.4678** is the 20% darker color. If you saturate the color by 10%, you get **13.7462, 16.2453, 25.3331**, and if you desaturate by 10%, it is **17.2236, 19.3993, 25.7586**.

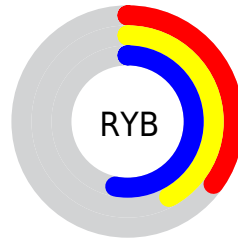
Distribution



Red (35%)

Green (48%)

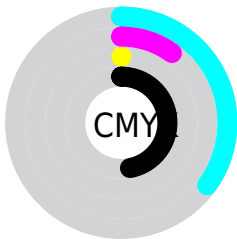
Blue (53%)



Red (35%)

Yellow (42%)

Blue (53%)

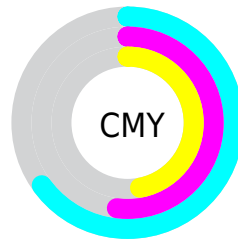


Cyan (35%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3572, 17.7430, 25.5370 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 15.3572, 17.7430, 25.5370 by changing the saturation by 10% instead.

■ 15.3572, 17.7430,
25.5370

■ 15.3572, 17.7430,
25.5370

218.8640,
239.4185, 294.0346

■ 9.1584, 10.7656,
16.2549

■ 35.0451, 39.5989,
53.5019

■ 4.9026, 5.9095,
9.5484

■ 49.2650, 55.2463,
73.0219

■ 2.2244, 2.7901,
4.9989

■ 66.8893, 74.5524,
96.7916

■ 0.7555, 1.0232,
2.1879

■ 88.2833, 97.9017,
125.2295

■ 0.0000, 0.0000,
0.6674

■ 113.8124,
125.6785, 158.7542

■ 0.0000, 0.0000,
0.0000

143.8420,

158.2673, 197.7843

178.7374,
196.0525, 242.7382

■ 15.3572, 17.7430,
25.5370

■ 15.3572, 17.7430,
25.5370

■ 13.7462, 16.2453,
25.3331

■ 17.2236, 19.3993,
25.7586

■ 12.3756, 14.8970,
25.1451

■ 19.3561, 21.2189,
25.9974

■ 11.2315, 13.6911,
24.9726

■ 21.7665, 23.2084,
26.2544

■ 10.2977, 12.6188,
24.8149

■ 24.4658, 25.3738,
26.5301

■ 9.5555, 11.6702,
24.6709

■ 27.4639, 27.7206,
26.8251

■ 8.9797, 10.8321,
24.5395

■ 30.7707, 30.2540,
27.1398

■ 8.7094, 10.4217,
24.4745

■ 34.3953, 32.9791,
27.4747

■ 38.3465, 35.9006,
27.8304

■ 42.6328, 39.0231,
28.2072

Harmonies

Analogous

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



14.6377, 17.7430, 22.1105



15.3572, 17.7430, 25.5370



16.5070, 17.7430, 27.3472

Triad

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



15.3572, 17.7430, 25.5370



19.4737, 17.7430, 20.3678



15.9500, 17.7430, 13.3798

Complementary

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



15.3572, 17.7430, 25.5370



16.4071, 15.1631, 11.2950

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.



17.2265, 17.7430, 13.0394



15.3572, 17.7430, 25.5370



19.3057, 17.7430, 16.7731

Square

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



15.3572, 17.7430, 25.5370



18.9147, 17.7430, 24.1210



18.4667, 17.7430, 14.2025



14.9675, 17.7430, 15.2010

Rectangle

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



15.3572, 17.7430, 25.5370



17.3814, 17.7430, 27.2504



18.4667, 17.7430, 14.2025



16.3573, 17.7430, 13.0987

Sweetspot

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



15.3577, 17.7437, 25.5374



36.5807, 39.5952, 46.7630



15.0151, 20.3335, 15.3262



8.3508, 9.0697, 10.8168



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.3577, 17.7437, 25.5374



25.1234, 29.5736, 45.4325



12.8568, 12.7418, 24.7038



4.6956, 5.0669, 5.9313



8.0426, 9.6329, 22.5721



0.0340, 0.0456, 0.0802

Inverse Universe

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



16.9947, 13.5360, 20.1300



28.6090, 21.1208, 33.8048



18.9653, 20.2795, 12.1478



4.8044, 4.7414, 5.5823



11.2376, 5.5594, 11.0896



0.0420, 0.0205, 0.0547

Previews

White Background



This preview shows how the XYZ color 15.3572, 17.7430, 25.5370 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 15.3572, 17.7430, 25.5370 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

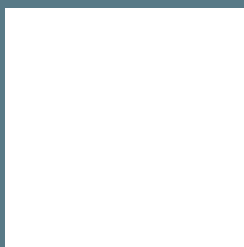
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3572, 17.7430, 25.5370

Background



This preview shows how black text looks on a background with the XYZ color 15.3572, 17.7430, 25.5370.



This preview shows how white text looks on a background with the XYZ color 15.3572, 17.7430,

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

15.3572, 17.7430, 25.5370

Protanopia

17.2816, 17.7069, 23.9797

Deuteranopia

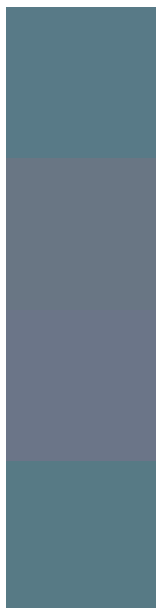
18.0039, 17.6923, 26.1330



Tritanopia

15.0549, 17.6112, 24.4356

Trichromacy



Original Color

15.3572, 17.7430, 25.5370

Protanomaly

16.4690, 17.6261, 24.3640

Deuteranomaly

16.8686, 17.6260, 25.8056

Tritanomaly

15.1237, 17.6388, 24.7978

Monochromacy



Original Color

15.3572, 17.7430, 25.5370

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4055, 16.8143, 20.5227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3572, 17.7430, 25.5370 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(88, 122, 135) looks like.

```
.text, #text, p{  
    color:rgb(88, 122, 135)  
}
```

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(88, 122, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 122, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.3572, 17.7430, 25.5370 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(88, 122, 135) }
```


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

```
.border{ border-color:rgb(88, 122, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 122, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 122, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 122, 135);  
box-shadow:4px 4px 4px 4px rgb(88, 122,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3572, 17.7430, 25.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 122, 135) }
```

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

```
.background{ background-color: rgb(88, 122,  
135) }
```

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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