

Converting Colors

XYZ(15.6944, 17.5771, 25.2622)

Have a look what the booklet for
XYZ(15.6944, 17.5771, 25.2622)
contains.

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Color

**XYZ(15.6356, 17.5339,
25.1145)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7886
RGB	94, 120, 134
RGB Percent	37%, 47%, 53%
CMY	0.6314, 0.5294, 0.4745
CMYK	0.30, 0.10, 0.00, 0.47
HSL	201°, 18%, 45%
HSV	201°, 30%, 53%
XYZ	15.6356, 17.5339, 25.1145
YIQ	113.8220, -19.9900, -1.1580

Conversions

Conversions Part 2

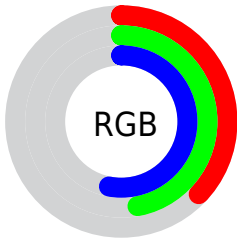
Format	Color
R_{YB}	94, 110, 134
Decimal	6191238
CIE _{Lab}	48.93, -5.89, -10.71
CIE _{LCh}	49, 12.225, 241.210
Yxy	17.5339, 0.2683, 0.3008
Android (android.graphics.Color)	4284381318 (0xFF5E7886)
YUV	113.8220, 9.9478, -17.3839
Hunter-Lab	41.8735, -6.6266, -6.2490

Details

The XYZ color **15.6356, 17.5339, 25.1145** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2145, 16.6015, 12.8870**, and the grayscale version is **15.9168, 16.7457, 18.2361**.

A 20% lighter version of the original color is **35.3992, 39.1126, 52.6975**, and **5.0443, 5.8557, 9.2519** is the 20% darker color. If you saturate the color by 10%, you get **13.8289, 15.7861, 24.8727**, and if you desaturate by 10%, it is **17.7096, 19.4614, 25.3775**.

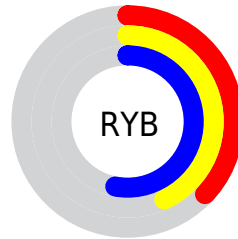
Distribution



Red (37%)

Green (47%)

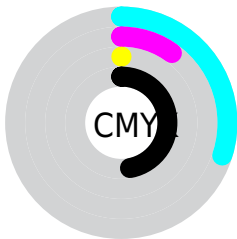
Blue (53%)



Red (37%)

Yellow (43%)

Blue (53%)

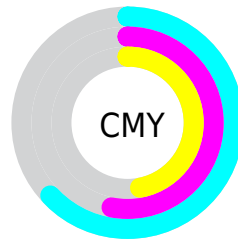


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6356, 17.5339, 25.1145 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 15.6356, 17.5339, 25.1145 by changing the saturation by 10% instead.

■ 15.6356, 17.5339,
25.1145

■ 15.6356, 17.5339,
25.1145

220.4947,
238.2306, 291.8736

■ 9.3559, 10.6159,
15.9426

■ 35.5270, 39.2415,
52.8093

■ 5.0330, 5.8092,
9.3296

■ 49.8694, 54.7998,
72.1693

■ 2.3016, 2.7294,
4.8571

■ 67.6300, 74.0071,
95.7625

■ 0.7955, 0.9921,
2.1064

■ 89.1743, 97.2476,
124.0072

■ 0.0000, 0.0000,
0.6196

114.8675,
124.9058, 157.3222

■ 0.0000, 0.0000,
0.0000

145.0751,

157.3661, 196.1259

180.1624,
195.0129, 240.8368

■ 15.6356, 17.5339,
25.1145

■ 15.6356, 17.5339,
25.1145

■ 13.8289, 15.7861,
24.8727

■ 17.7096, 19.4614,
25.3775

■ 12.2752, 14.2087,
24.6501

■ 20.0611, 21.5731,
25.6612

■ 10.9611, 12.7946,
24.4464

■ 22.7017, 23.8759,
25.9665

■ 9.8714, 11.5355,
24.2608

■ 25.6418, 26.3759,
26.2941

■ 8.9889, 10.4218,
24.0923

■ 28.8915, 29.0787,
26.6445

■ 8.2937, 9.4426,
23.9400

■ 32.4600, 31.9896,
27.0183

■ 7.7282, 8.5677,
23.8009

■ 36.3565, 35.1138,
27.4159

■ 7.7200, 8.5550,
23.7989

■ 40.5895, 38.4562,
27.8380

■ 45.1675, 42.0218,
28.2849

Harmonies

Analogous

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



14.8664, 17.5339, 22.5194



15.6356, 17.5339, 25.1145



16.7116, 17.5339, 26.0525

Triad

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



15.6356, 17.5339, 25.1145



18.9457, 17.5339, 18.9597



15.5592, 17.5339, 14.2260

Complementary

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



15.6356, 17.5339, 25.1145



17.2145, 16.6015, 12.8870

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.



16.6194, 17.5339, 13.4959



15.6356, 17.5339, 25.1145



18.6040, 17.5339, 16.0303

Square

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



15.6356, 17.5339, 25.1145



18.6537, 17.5339, 22.2650



17.7395, 17.5339, 14.1177



14.8237, 17.5339, 16.2348

Rectangle

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



15.6356, 17.5339, 25.1145



17.4681, 17.5339, 25.5364



17.7395, 17.5339, 14.1177



15.8877, 17.5339, 13.8338

Sweetspot

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



15.6361, 17.5346, 25.1149



35.6330, 38.2635, 45.2459



15.8129, 20.4987, 17.1255



7.9029, 8.5099, 10.1788



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.6361, 17.5346, 25.1149



25.2902, 28.7228, 43.9495



13.5408, 13.3440, 24.4165



4.6681, 5.0118, 5.9221



7.2449, 8.0377, 22.3063



0.0320, 0.0416, 0.0796

Inverse Universe

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



17.2248, 14.4301, 19.6476



28.6351, 22.5460, 32.3574



19.4846, 21.1417, 13.6438



4.7905, 4.7359, 5.5091



10.8350, 5.3984, 8.9695



0.0410, 0.0201, 0.0493

Previews

White Background



This preview shows how the XYZ color 15.6356, 17.5339, 25.1145 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 15.6356, 17.5339, 25.1145 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

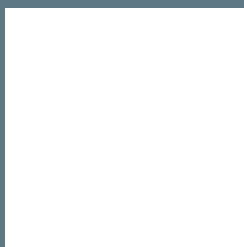
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6356, 17.5339, 25.1145

Background



This preview shows how black text looks on a background with the XYZ color 15.6356, 17.5339, 25.1145.



This preview shows how white text looks on a background with the XYZ color 15.6356, 17.5339,

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

15.6356, 17.5339, 25.1145

Protanopia

17.1669, 17.4776, 23.9414

Deuteranopia

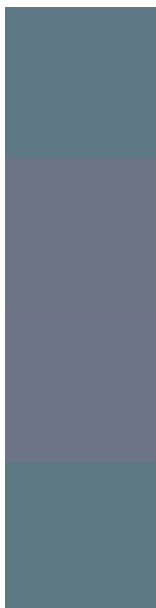
17.7495, 17.4111, 25.3468



Tritanopia

15.3808, 17.6136, 23.7082

Trichromacy



Original Color

15.6356, 17.5339, 25.1145

Protanomaly

16.5896, 17.5143, 24.3360

Deuteranomaly

16.9252, 17.4913, 25.4058

Tritanomaly

15.4483, 17.6406, 24.0635

Monochromacy



Original Color

15.6356, 17.5339, 25.1145

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7600, 16.9971, 20.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6356, 17.5339, 25.1145 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(94, 120, 134)` looks like.

```
.text, #text, p{  
    color:rgb(94, 120, 134)  
}
```

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(94, 120, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 120, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.6356, 17.5339, 25.1145 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(94, 120, 134) }
```


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

```
.border{ border-color:rgb(94, 120, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 120, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 120, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 120, 134);  
box-shadow:4px 4px 4px 4px rgb(94, 120,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6356, 17.5339, 25.1145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 120, 134) }
```

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

```
.background{ background-color: rgb(94, 120,  
134) }
```

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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