

Converting Colors

XYZ(15.5125, 16.8775, 25.7329)

Have a look what the booklet for
XYZ(15.5125, 16.8775, 25.7329)
contains.

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Color

**XYZ(15.5245, 16.9330,
25.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7588
RGB	95, 117, 136
RGB Percent	37%, 46%, 53%
CMY	0.6274, 0.5412, 0.4667
CMYK	0.30, 0.14, 0.00, 0.47
HSL	208°, 18%, 45%
HSV	208°, 30%, 53%
XYZ	15.5245, 16.9330, 25.7427
YIQ	112.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

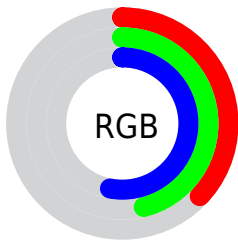
Format	Color
R_{YB}	95, 109, 136
Decimal	6256008
CIE _{Lab}	48.18, -3.30, -13.02
CIE _{LCh}	48, 13.434, 255.764
Yxy	16.9330, 0.2667, 0.2909
Android (android.graphics.Color)	4284446088 (0xFF5F7588)
YUV	112.5880, 11.5421, -15.4247
Hunter-Lab	41.1497, -4.6696, -8.2862

Details

The XYZ color **15.5245, 16.9330, 25.7427** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2364, 18.0952, 13.3585**, and the grayscale version is **15.5456, 16.3551, 17.8107**.

A 20% lighter version of the original color is **35.2273, 38.1610, 53.6533**, and **4.9801, 5.5325, 9.6095** is the 20% darker color. If you saturate the color by 10%, you get **13.5236, 14.8483, 25.4460**, and if you desaturate by 10%, it is **17.8226, 19.2452, 26.0682**.

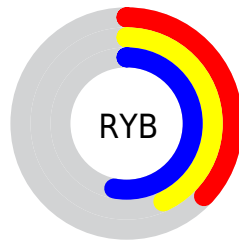
Distribution



Red (37%)

Green (46%)

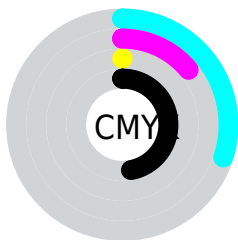
Blue (53%)



Red (37%)

Yellow (43%)

Blue (53%)

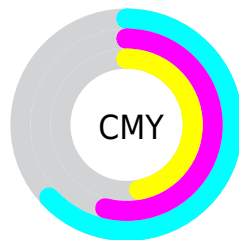


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5245, 16.9330, 25.7427 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 15.5245, 16.9330, 25.7427 by changing the saturation by 10% instead.

■ 15.5245, 16.9330,
25.7427

■ 15.5245, 16.9330,
25.7427

219.8453,
234.7860, 295.0819

■ 9.2770, 10.1867,
16.4072

■ 35.3349, 38.2105,
53.8385

■ 4.9809, 5.5229,
9.6553

■ 49.6285, 53.5106,
73.4360

■ 2.2707, 2.5572,
5.0684

■ 67.3348, 72.4307,
97.2912

■ 0.7796, 0.9052,
2.2280

■ 88.8193, 95.3553,
125.8226

■ 0.0000, 0.0000,
0.6905

114.4472,
122.6687, 159.4489

■ 0.0000, 0.0000,
0.0000

144.5839,

154.7554, 198.5885

179.5948,
191.9997, 243.6600

■ 15.5245, 16.9330,
25.7427

■ 15.5245, 16.9330,
25.7427

■ 13.5236, 14.8483,
25.4460

■ 17.8226, 19.2452,
26.0682

■ 11.8045, 12.9803,
25.1761

■ 20.4290, 21.7907,
26.4221

■ 10.3528, 11.3207,
24.9323

■ 23.3565, 24.5779,
26.8058

■ 9.1519, 9.8594,
24.7135

■ 26.6163, 27.6138,
27.2200

■ 8.1833, 8.5853,
24.5186

■ 30.2192, 30.9054,
27.6654

■ 7.4256, 7.4856,
24.3463

■ 34.1755, 34.4592,
28.1429

■ 6.8252, 6.5400,
24.1954

■ 38.4951, 38.2815,
28.6530

■ 43.1873, 42.3784,
29.1964

■ 48.2613, 46.7556,
29.7739

Harmonies

Analogous

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



14.5132, 16.9330, 23.6794



15.5245, 16.9330, 25.7427



16.7398, 16.9330, 25.6849

Triad

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



15.5245, 16.9330, 25.7427



18.4582, 16.9330, 16.6722



14.4720, 16.9330, 14.1378

Complementary

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



15.5245, 16.9330, 25.7427



18.2364, 18.0952, 13.3585

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.



15.4656, 16.9330, 12.6999



15.5245, 16.9330, 25.7427



17.7862, 16.9330, 14.0320

Square

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



15.5245, 16.9330, 25.7427



18.4759, 16.9330, 20.1385



16.6779, 16.9330, 12.6638



13.9267, 16.9330, 16.8344

Rectangle

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



15.5245, 16.9330, 25.7427



17.5040, 16.9330, 24.4410



16.6779, 16.9330, 12.6638



14.7624, 16.9330, 13.5071

Sweetspot

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



15.5250, 16.9337, 25.7431



36.4675, 38.8498, 46.6251



16.5299, 21.2440, 18.9856



8.2992, 8.8563, 10.7784



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.



15.5250, 16.9337, 25.7431



24.9625, 27.3600, 45.0137



13.4430, 12.7695, 25.0491



4.9823, 5.3076, 6.3677



6.4691, 6.2086, 22.9031



0.0576, 0.0706, 0.1570

Inverse Universe

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



17.4568, 14.7034, 18.7483



28.9896, 23.0412, 30.3581



20.7374, 23.0971, 14.1921



5.1377, 5.0905, 5.8136



10.7521, 5.4110, 6.4650



0.0788, 0.0389, 0.0819

Previews

White Background



This preview shows how the XYZ color 15.5245, 16.9330, 25.7427 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 15.5245, 16.9330, 25.7427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

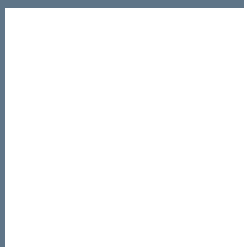
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5245, 16.9330, 25.7427

Background



This preview shows how black text looks on a background with the XYZ color 15.5245, 16.9330, 25.7427.

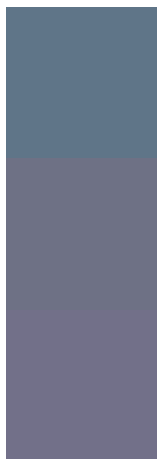


This preview shows how white text looks on a background with the XYZ color 15.5245, 16.9330,

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

15.5245, 16.9330, 25.7427

Protanopia

16.5692, 16.8187, 24.5633

Deuteranopia

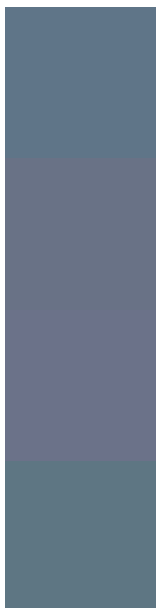
17.2490, 16.9719, 26.0337



Tritanopia

14.8889, 16.8425, 22.8883

Trichromacy



Original Color

15.5245, 16.9330, 25.7427

Protanomaly

16.1461, 16.7591, 24.9381

Deuteranomaly

16.5961, 16.9666, 26.0671

Tritanomaly

15.1913, 16.9752, 23.9486

Monochromacy



Original Color

15.5245, 16.9330, 25.7427

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4124, 16.4793, 20.4577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5245, 16.9330, 25.7427 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, 117, 136) looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 136)  
}
```

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, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 136) }
```

Border

The CSS property to change the border of an element to XYZ 15.5245, 16.9330, 25.7427 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, 117, 136) }
```


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

```
.border{ border-color:rgb(95, 117, 136) }
```

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

Here you see how a box with a 4 pixel rgb(95, 117, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5245, 16.9330, 25.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 136) }
```

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

```
.background{ background-color: rgb(95, 117,  
136) }
```

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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