

Converting Colors

XYZ(15.1671, 16.4212, 25.2702)

Have a look what the booklet for
XYZ(15.1671, 16.4212, 25.2702)
contains.

XYZ(15.1200, 16.3904, 25.2884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1200, 16.3904,
25.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7387
RGB	94, 115, 135
RGB Percent	37%, 45%, 53%
CMY	0.6314, 0.5490, 0.4706
CMYK	0.30, 0.15, 0.00, 0.47
HSL	209°, 18%, 45%
HSV	209°, 30%, 53%
XYZ	15.1200, 16.3904, 25.2884
YIQ	111.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

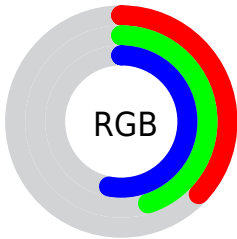
Format	Color
R_{YB}	94, 108, 135
Decimal	6189959
CIE _{Lab}	47.48, -2.71, -13.48
CIE _{LCh}	47, 13.755, 258.630
Yxy	16.3904, 0.2662, 0.2886
Android (android.graphics.Color)	4284380039 (0xFF5E7387)
YUV	111.0010, 11.8315, -14.9099
Hunter-Lab	40.4851, -4.1843, -8.6951

Details

The XYZ color **15.1200, 16.3904, 25.2884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0296, 17.9939, 13.1131**, and the grayscale version is **15.0808, 15.8662, 17.2783**.

A 20% lighter version of the original color is **34.5729, 37.2880, 52.9521**, and **4.7736, 5.2510, 9.3563** is the 20% darker color. If you saturate the color by 10%, you get **13.1307, 14.2900, 24.9881**, and if you desaturate by 10%, it is **17.4061, 18.7242, 25.6187**.

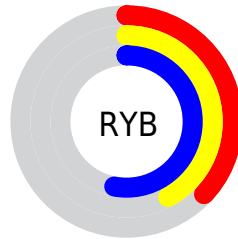
Distribution



 Red (37%)

 Green (45%)

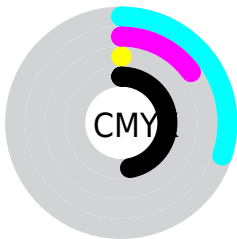
 Blue (53%)



 Red (37%)

 Yellow (42%)

 Blue (53%)

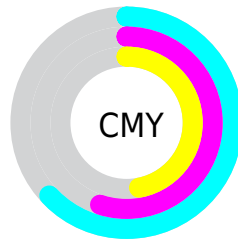


 Cyan (30%)


 Magenta (15%)

 Yellow (0%)

 Black (47%)



 Cyan (63%)

 Magenta (55%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1200, 16.3904, 25.2884 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 15.1200, 16.3904, 25.2884 by changing the saturation by 10% instead.

■ 15.1200, 16.3904,
25.2884

■ 15.1200, 16.3904,
25.2884

217.4654,
231.6345, 292.7647

■ 8.9905, 9.8008,
16.0711

■ 34.6335, 37.2746,
53.0946

■ 4.7921, 5.2671,
9.4196

■ 48.7482, 52.3381,
72.5206

■ 2.1593, 2.4048,
4.9153

■ 66.2554, 70.9950,
96.1865

■ 0.7211, 0.8284,
2.1398

■ 87.5203, 93.6297,
124.5110

■ 0.0000, 0.0000,
0.6393

112.9085,
120.6266, 157.9125

■ 0.0000, 0.0000,
0.0000

142.7851,

152.3701, 196.8096

177.5156,
189.2446, 241.6208

■ 15.1200, 16.3904,
25.2884

■ 15.1200, 16.3904,
25.2884

■ 13.1307, 14.2900,
24.9881

■ 17.4061, 18.7242,
25.6187

■ 11.4230, 12.4124,
24.7157

■ 20.0004, 21.2978,
25.9787

■ 9.9824, 10.7488,
24.4705

■ 22.9152, 24.1194,
26.3697

■ 8.7927, 9.2890,
24.2515

■ 26.1619, 27.1964,
26.7925

■ 7.8352, 8.0217,
24.0573

■ 29.7512, 30.5358,
27.2479

■ 7.0888, 6.9340,
23.8867

■ 33.6934, 34.1444,
27.7366

■ 6.5106, 6.0239,
23.7415

■ 37.9983, 38.0286,
28.2595

■ 42.6753, 42.1946,
28.8171

■ 47.7333, 46.6485,
29.4102

Harmonies

Analogous

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



14.0769, 16.3904, 23.3866



15.1200, 16.3904, 25.2884



16.3412, 16.3904, 25.0113

Triad

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



15.1200, 16.3904, 25.2884



17.9125, 16.3904, 15.7822



13.8812, 16.3904, 13.7587

Complementary

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



15.1200, 16.3904, 25.2884



18.0296, 17.9939, 13.1131

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.



14.8401, 16.3904, 12.1999



15.1200, 16.3904, 25.2884



17.1834, 16.3904, 13.2584

Square

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



15.1200, 16.3904, 25.2884



17.9971, 16.3904, 19.2059



16.0463, 16.3904, 12.0296



13.3871, 16.3904, 16.5525

Rectangle

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



15.1200, 16.3904, 25.2884



17.0917, 16.3904, 23.6352



16.0463, 16.3904, 12.0296



14.1575, 16.3904, 13.0895

Sweetspot

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



15.1205, 16.3911, 25.2888



36.3960, 38.7067, 46.6012



16.3073, 20.9187, 19.0436



8.2805, 8.8188, 10.7721



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.



15.1205, 16.3911, 25.2888



24.7247, 26.8843, 44.9344



13.0534, 12.2569, 24.5998



4.6170, 4.9096, 5.9051



6.0169, 5.5816, 21.8969



0.0281, 0.0339, 0.0783

Inverse Universe

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



17.0893, 14.3946, 18.0980



28.8696, 22.9932, 29.7259



20.5813, 23.0972, 13.9636



4.7647, 4.7256, 5.3733



10.2152, 5.1504, 5.7054



0.0391, 0.0193, 0.0392

Previews

White Background



This preview shows how the XYZ color 15.1200, 16.3904, 25.2884 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 15.1200, 16.3904, 25.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

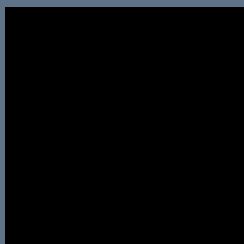
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

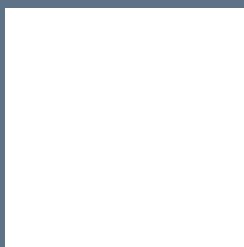
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1200, 16.3904, 25.2884

Background



This preview shows how black text looks on a background with the XYZ color 15.1200, 16.3904, 25.2884.



This preview shows how white text looks on a background with the XYZ color 15.1200, 16.3904,

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

15.1200, 16.3904, 25.2884

Protanopia

16.1024, 16.2505, 24.4783

Deuteranopia

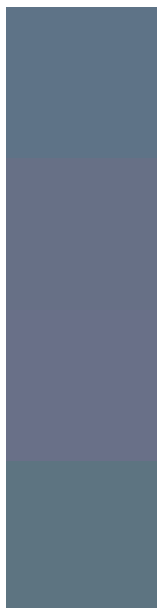
16.7020, 16.3742, 25.5728



Tritanopia

14.5408, 16.5042, 22.1579

Trichromacy



Original Color

15.1200, 16.3904, 25.2884

Protanomaly

15.6908, 16.1931, 24.8529

Deuteranomaly

16.0638, 16.3692, 25.6055

Tritanomaly

14.7220, 16.4029, 23.1590

Monochromacy



Original Color

15.1200, 16.3904, 25.2884

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0100, 15.9477, 20.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1200, 16.3904, 25.2884 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, 115, 135) looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 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(94, 115, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.1200, 16.3904, 25.2884 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, 115, 135) }
```


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

```
.border{ border-color:rgb(94, 115, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 115, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 135);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1200, 16.3904, 25.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 135) }
```

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

```
.background{ background-color: rgb(94, 115,  
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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