

Converting Colors

XYZ(15.0763, 18.3255, 35.0903)

Have a look what the booklet for
XYZ(15.0763, 18.3255, 35.0903)
contains.

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Color

**XYZ(15.0763, 18.3255,
35.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	327F9E
RGB	50, 127, 158
RGB Percent	20%, 50%, 62%
CMY	0.8039, 0.5020, 0.3804
CMYK	0.68, 0.20, 0.00, 0.38
HSL	197°, 52%, 41%
HSV	197°, 68%, 62%
XYZ	15.0763, 18.3255, 35.0903
YIQ	107.5110, -55.8430, -6.6830

Conversions

Conversions Part 2

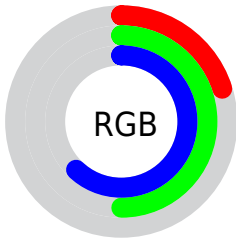
Format	Color
RYB	50, 95, 158
Decimal	3309470
CIELab	49.89, -13.34, -23.52
CIElCh	50, 27.042, 240.433
Yxy	18.3255, 0.2201, 0.2676
Android (android.graphics.Color)	4281499550 (0xFF327F9E)
YUV	107.5110, 24.8911, -50.4371
Hunter-Lab	42.8083, -12.0501, -18.6347

Details

The XYZ color **15.0763, 18.3255, 35.0903** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **17.6193, 13.3850, 4.6732**, and the grayscale version is **14.0618, 14.7941, 16.1108**.

A 20% lighter version of the original color is **34.6382, 40.6978, 68.9806**, and **5.3782, 6.5103, 14.8831** is the 20% darker color. If you saturate the color by 10%, you get **13.8551, 16.8462, 34.8695**, and if you desaturate by 10%, it is **16.5940, 19.9974, 35.3334**.

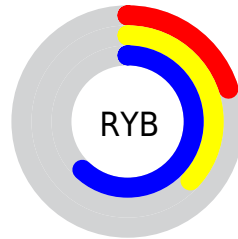
Distribution



Red (20%)

Green (50%)

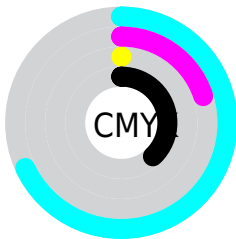
Blue (62%)



Red (20%)

Yellow (37%)

Blue (62%)

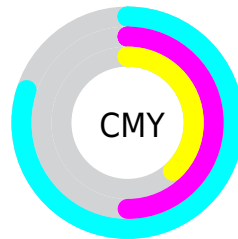


Cyan (68%)

Magenta (20%)

Yellow (0%)

Black (38%)



Cyan (80%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0763, 18.3255, 35.0903 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 15.0763, 18.3255, 35.0903 by changing the saturation by 10% instead.

■ 15.0763, 18.3255,
35.0903

■ 15.0763, 18.3255,
35.0903

217.2068,
242.6994, 339.8831

■ 8.9596, 11.1839,
23.4483

■ 34.5575, 40.5912,
68.7788

■ 4.7718, 6.1907,
14.7165

■ 48.6528, 56.4841,
91.6624

■ 2.1473, 2.9614,
8.4763

■ 66.1383, 76.0629,
119.1303

■ 0.7148, 1.1116,
4.3091

■ 87.3794, 99.7120,
151.6010

■ 0.0000, 0.0000,
1.7964

■ 112.7414,
127.8158, 189.4931

■ 0.0000, 0.0000,
0.4256

142.5898,

■ 0.0000, 0.0000,

160.7587, 233.2251

0.0000

177.2898,
198.9251, 283.2156

■ 15.0763, 18.3255,
35.0903

■ 15.0763, 18.3255,
35.0903

■ 13.8551, 16.8462,
34.8695

■ 16.5940, 19.9974,
35.3334

■ 12.8991, 15.5419,
34.6681

■ 18.4315, 21.8736,
35.5987

■ 12.1537, 14.3843,
34.4840

■ 20.6119, 23.9666,
35.8877

■ 12.0376, 14.2006,
34.4546

■ 23.1554, 26.2875,
36.2017

■ 26.0808, 28.8463,
36.5414

■ 29.4054, 31.6525,
36.9078

■ 33.1453, 34.7147,
37.3018

■ 37.3158, 38.0415,
37.7241

■ 41.9314, 41.6406,
38.1755

Harmonies

Analogous

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



13.4705, 18.3255, 28.0764



15.0763, 18.3255, 35.0903



17.4555, 18.3255, 37.8631

Triad

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



15.0763, 18.3255, 35.0903



22.8819, 18.3255, 19.8458



15.0172, 18.3255, 10.0164

Complementary

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



15.0763, 18.3255, 35.0903



17.6193, 13.3850, 4.6732

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.



17.3803, 18.3255, 8.8271



15.0763, 18.3255, 35.0903



22.0696, 18.3255, 13.5709

Square

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



15.0763, 18.3255, 35.0903



22.1137, 18.3255, 27.8427



19.9901, 18.3255, 9.9486



13.4388, 18.3255, 13.7157

Rectangle

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



15.0763, 18.3255, 35.0903



19.2132, 18.3255, 36.5061



19.9901, 18.3255, 9.9486



15.7379, 18.3255, 9.3577

Sweetspot

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



15.0769, 18.3262, 35.0907



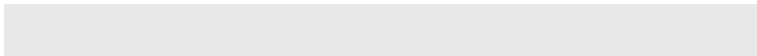
45.6615, 50.9159, 66.1646



15.0131, 25.7204, 11.8803



9.9816, 11.2060, 14.8806



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.0769, 18.3262, 35.0907



24.1925, 29.3109, 63.1259



9.8965, 7.9653, 33.3639



6.6609, 7.1875, 8.4429



9.6756, 11.4427, 27.6059



0.2070, 0.2726, 0.5049

Inverse Universe

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



19.0724, 11.0832, 21.2134



32.4396, 17.0013, 33.8898



23.2851, 24.7165, 6.5618



6.8229, 6.7221, 7.9186



13.6820, 6.7774, 13.1083



0.2618, 0.1280, 0.3247

Previews

White Background



This preview shows how the XYZ color 15.0763, 18.3255, 35.0903 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 15.0763, 18.3255, 35.0903 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 15.0763, 18.3255, 35.0903

Background



This preview shows how black text looks on a background with the XYZ color 15.0763, 18.3255, 35.0903.

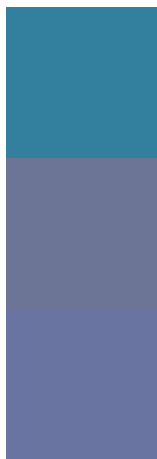


This preview shows how white text looks on a background with the XYZ color 15.0763, 18.3255,

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

15.0763, 18.3255, 35.0903

Protanopia

18.1730, 18.1758, 31.4046

Deuteranopia

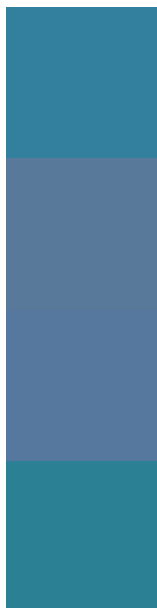
18.5344, 18.0930, 35.7731



Tritanopia

13.6271, 18.3197, 28.0171

Trichromacy



Original Color

15.0763, 18.3255, 35.0903

Protanomaly

16.6116, 18.0494, 32.7453

Deuteranomaly

16.8122, 17.9146, 35.3726

Tritanomaly

14.1130, 18.3207, 30.3962

Monochromacy



Original Color

15.0763, 18.3255, 35.0903

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8271, 15.7941, 22.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0763, 18.3255, 35.0903 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(50, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(50, 127, 158)  
}
```

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(50, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 127, 158) }
```

Border

The CSS property to change the border of an element to XYZ 15.0763, 18.3255, 35.0903 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(50, 127, 158) }
```


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

```
.border{ border-color:rgb(50, 127, 158) }
```

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

Here you see how a box with a 4 pixel rgb(50, 127, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 127, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 127, 158);  
box-shadow:4px 4px 4px 4px rgb(50, 127,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0763, 18.3255, 35.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 127, 158) }
```

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

```
.background{ background-color: rgb(50, 127,  
158) }
```

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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