

Converting Colors

XYZ(15.2454, 18.4706, 32.3236)

Have a look what the booklet for
XYZ(15.2454, 18.4706, 32.3236)
contains.

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Color

**XYZ(15.3068, 18.5025,
32.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7F98
RGB	63, 127, 152
RGB Percent	25%, 50%, 60%
CMY	0.7529, 0.5020, 0.4039
CMYK	0.59, 0.16, 0.00, 0.40
HSL	197°, 41%, 42%
HSV	197°, 59%, 60%
XYZ	15.3068, 18.5025, 32.4704
YIQ	110.7140, -46.1690, -5.7930

Conversions

Conversions Part 2

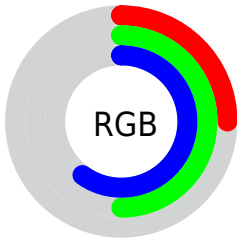
Format	Color
R _Y B	63, 100, 152
Decimal	4161432
CIE Lab	50.10, -12.88, -19.65
CIE LCh	50, 23.500, 236.757
Yxy	18.5025, 0.2309, 0.2792
Android (android.graphics.Color)	4282351512 (0xFF3F7F98)
YUV	110.7140, 20.3540, -41.8452
Hunter-Lab	43.0145, -11.7559, -14.6461

Details

The XYZ color **15.3068, 18.5025, 32.4704** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3365, 14.0145, 6.4947**, and the grayscale version is **14.9798, 15.7599, 17.1626**.

A 20% lighter version of the original color is **34.9331, 40.9503, 64.4556**, and **5.0734, 6.3884, 13.2776** is the 20% darker color. If you saturate the color by 10%, you get **13.9271, 16.9902, 32.2516**, and if you desaturate by 10%, it is **16.9791, 20.2011, 32.7105**.

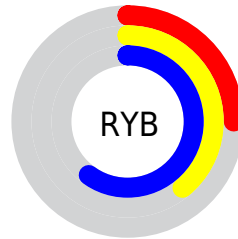
Distribution



Red (25%)

Green (50%)

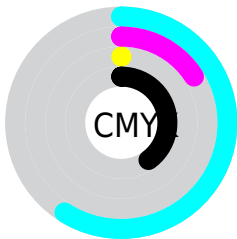
Blue (60%)



Red (25%)

Yellow (39%)

Blue (60%)

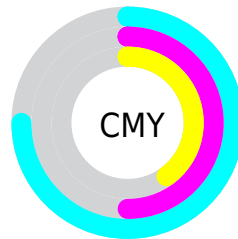


Cyan (59%)

Magenta (16%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (50%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3068, 18.5025, 32.4704 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 15.3068, 18.5025, 32.4704 by changing the saturation by 10% instead.

■ 15.3068, 18.5025,
32.4704

■ 15.3068, 18.5025,
32.4704

218.5675,
243.6883, 327.8151

■ 9.1227, 11.3114,
21.4533

■ 34.9578, 40.8917,
64.6543

■ 4.8791, 6.2767,
13.2613

■ 49.1553, 56.8586,
86.6581

■ 2.2105, 3.0140,
7.4759

■ 66.7548, 76.5195,
113.1611

■ 0.7483, 1.1391,
3.6785

■ 88.1215, 100.2588,
144.5821

■ 0.0000, 0.0111,
1.4507

■ 113.6207,
128.4610, 181.3394

■ 0.0000, 0.0000,
0.1808

143.6179,

■ 0.0000, 0.0000,

161.5104, 223.8516

0.0000

178.4784,
199.7913, 272.5373

■ 15.3068, 18.5025,
32.4704

■ 15.3068, 18.5025,
32.4704

■ 13.9271, 16.9902,
32.2516

■ 16.9791, 20.2011,
32.7105

■ 12.8152, 15.6499,
32.0515

■ 18.9626, 22.0948,
32.9714

■ 11.9451, 14.4681,
31.8692

■ 21.2763, 24.1943,
33.2547

■ 11.2628, 13.4165,
31.7022

■ 23.9371, 26.5086,
33.5612

■ 11.1687, 13.2692,
31.6787

■ 26.9609, 29.0464,
33.8917

■ 30.3623, 31.8156,
34.2469

■ 34.1553, 34.8237,
34.6276

■ 38.3530, 38.0779,
35.0345

■ 42.9679, 41.5851,
35.4682

Harmonies

Analogous

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



13.9796, 18.5025, 26.2940



15.3068, 18.5025, 32.4704



17.3411, 18.5025, 35.3264

Triad

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



15.3068, 18.5025, 32.4704



22.2984, 18.5025, 20.8593



15.6988, 18.5025, 10.9410

Complementary

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



15.3068, 18.5025, 32.4704



17.3365, 14.0145, 6.4947

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.



17.8334, 18.5025, 10.0891



15.3068, 18.5025, 32.4704



21.7650, 18.5025, 15.0399

Square

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



15.3068, 18.5025, 32.4704



21.4824, 18.5025, 27.7794



20.0811, 18.5025, 11.4170



14.1918, 18.5025, 14.0573

Rectangle

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



15.3068, 18.5025, 32.4704



18.8708, 18.5025, 34.5910



20.0811, 18.5025, 11.4170



16.3610, 18.5025, 10.4137

Sweetspot

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



15.3074, 18.5032, 32.4708



42.3510, 46.8752, 59.2494



14.9882, 24.1975, 12.8413



9.3217, 10.3933, 13.4323



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.3074, 18.5032, 32.4708



23.9845, 29.2940, 56.8239



10.8703, 9.6291, 30.9918



6.2379, 6.7331, 7.8998



9.3916, 11.1798, 26.5706



0.1706, 0.2274, 0.4073

Inverse Universe

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



18.5577, 11.7634, 21.3718



30.5645, 17.3607, 33.9712



21.9943, 23.3303, 8.0473



6.3872, 6.2940, 7.4190



13.1992, 6.5339, 12.8398



0.2125, 0.1038, 0.2721

Previews

White Background



This preview shows how the XYZ color 15.3068, 18.5025, 32.4704 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3068, 18.5025, 32.4704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

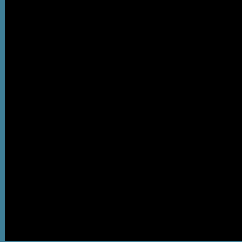
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.3068, 18.5025, 32.4704

Background



This preview shows how black text looks on a background with the XYZ color 15.3068, 18.5025, 32.4704.



This preview shows how white text looks on a background with the XYZ color 15.3068, 18.5025,

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

15.3068, 18.5025, 32.4704

Protanopia

18.1542, 18.2117, 29.3464

Deuteranopia

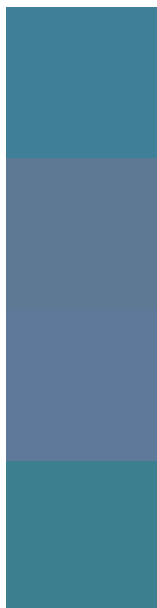
18.7496, 18.4352, 33.1420



Tritanopia

14.3288, 18.4935, 27.6253

Trichromacy



Original Color

15.3068, 18.5025, 32.4704

Protanomaly

16.7988, 18.1925, 30.6431

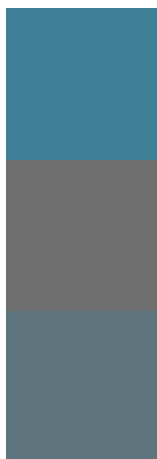
Deuteranomaly

17.2032, 18.3543, 32.7730

Tritanomaly

14.6167, 18.4126, 29.1692

Monochromacy



Original Color

15.3068, 18.5025, 32.4704

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7433, 16.6086, 22.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3068, 18.5025, 32.4704 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(63, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(63, 127, 152)  
}
```

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(63, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 127, 152) }
```

Border

The CSS property to change the border of an element to XYZ 15.3068, 18.5025, 32.4704 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(63, 127, 152) }
```


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

```
.border{ border-color:rgb(63, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(63, 127,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3068, 18.5025, 32.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 127, 152) }
```

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

```
.background{ background-color: rgb(63, 127,  
152) }
```

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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