

Converting Colors

XYZ(9.2725, 11.8645, 15.0433)

Have a look what the booklet for
XYZ(9.2725, 11.8645, 15.0433)
contains.

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Color

**XYZ(9.3037, 11.8504,
15.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6869
RGB	59, 104, 105
RGB Percent	23%, 41%, 41%
CMY	0.7686, 0.5921, 0.5882
CMYK	0.44, 0.01, 0.00, 0.59
HSL	181°, 28%, 32%
HSV	181°, 44%, 41%
XYZ	9.3037, 11.8504, 15.1616
YIQ	90.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

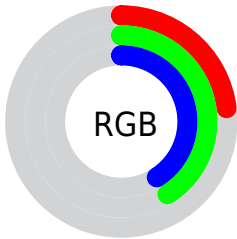
Format	Color
RYB	59, 82, 105
Decimal	3893353
CIELab	40.98, -15.16, -5.43
CIELCh	41, 16.102, 199.694
Yxy	11.8504, 0.2562, 0.3263
Android (android.graphics.Color)	4282083433 (0xFF3B6869)
YUV	90.6590, 7.0701, -27.7649
Hunter-Lab	34.4244, -12.0005, -2.0161

Details

The XYZ color **9.3037, 11.8504, 15.1616** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.2310, 6.5507, 4.9683**, and the grayscale version is **9.8558, 10.3690, 11.2919**.

A 20% lighter version of the original color is **24.0288, 29.0942, 35.8018**, and **2.2894, 3.2640, 4.5123** is the 20% darker color. If you saturate the color by 10%, you get **8.7201, 11.5158, 15.1280**, and if you desaturate by 10%, it is **10.0133, 12.2506, 15.2016**.

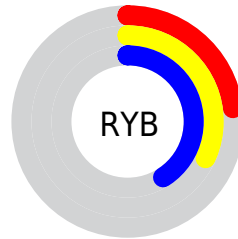
Distribution



 Red (23%)

 Green (41%)

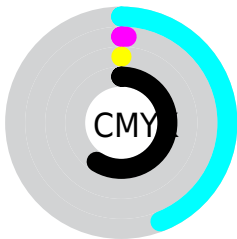
 Blue (41%)




 Red (23%)

 Yellow (32%)

 Blue (41%)

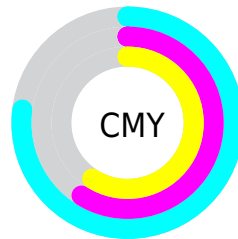


 Cyan (44%)


 Magenta (1%)

 Yellow (0%)

 Black (59%)



 Cyan (77%)

 Magenta (59%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3037, 11.8504, 15.1616 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 9.3037, 11.8504, 15.1616 by changing the saturation by 10% instead.

9.3037, 11.8504,
15.1616

9.3037, 11.8504,
15.1616

179.7871,
203.4124, 236.0166

4.9985, 6.6419,
8.7850

24.1391, 29.2223,
35.8827

2.2811, 3.2392,
4.5063

35.3999, 42.1546,
51.0643

0.7850, 1.2578,
1.9070

49.7101, 58.4302,
70.0180

0.0000, 0.1082,
0.4972

67.4348, 78.4335,
93.1623

0.0000, 0.0000,
0.0000

88.9395, 102.5490,
120.9158

114.5896,

131.1611, 153.6970

144.7503,
164.6540, 191.9244

■ 9.3037, 11.8504,
15.1616

■ 9.3037, 11.8504,
15.1616

■ 8.7201, 11.5158,
15.1280

■ 10.0133, 12.2506,
15.2016

■ 8.2540, 11.2416,
15.0996

■ 10.8547, 12.7186,
15.2476

■ 7.8972, 11.0238,
15.0764

■ 11.8348, 13.2581,
15.3001

■ 7.6403, 10.8577,
15.0579

■ 12.9596, 13.8723,
15.3594

■ 7.4678, 10.7351,
15.0433

■ 14.2346, 14.5641,
15.4257

■ 7.3725, 10.6652,
15.0348

■ 15.6653, 15.3362,
15.4993

■ 17.2568, 16.1913,
15.5805

■ 19.0138, 17.1318,
15.6694

■ 20.9410, 18.1602,
15.7664

Harmonies

Analogous

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



9.2213, 11.8504, 11.8009



9.3037, 11.8504, 15.1616



9.8903, 11.8504, 18.3717

Triad

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



9.3037, 11.8504, 15.1616



13.0388, 11.8504, 17.4579



11.6645, 11.8504, 7.6131

Complementary

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



9.3037, 11.8504, 15.1616



8.2310, 6.5507, 4.9683

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.



12.7582, 11.8504, 8.6441



9.3037, 11.8504, 15.1616



13.5868, 11.8504, 14.0718

Square

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



9.3037, 11.8504, 15.1616



12.0267, 11.8504, 19.8461



13.4807, 11.8504, 10.8808



10.5332, 11.8504, 7.8038

Rectangle

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



9.3037, 11.8504, 15.1616



10.5120, 11.8504, 19.8153



13.4807, 11.8504, 10.8808



12.0499, 11.8504, 7.8204

Sweetspot

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



9.3041, 11.8509, 15.1619



21.2736, 23.7850, 27.4008



7.6648, 11.3569, 6.0309



4.9091, 5.5309, 6.4147



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



9.3041, 11.8509, 15.1619



15.5477, 20.5816, 27.0842



7.3133, 7.8694, 14.4983



3.1764, 3.4812, 3.9394



9.3313, 13.4969, 19.0356



47.4602, 68.5989, 96.9657

Inverse Universe

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



9.8886, 7.1308, 13.9525



16.7581, 10.9070, 24.5578



9.6907, 9.4700, 5.4549



3.2149, 3.1628, 3.8618



10.4569, 5.0349, 16.5663



53.2385, 25.6373, 84.1815

Previews

White Background



This preview shows how the XYZ color 9.3037, 11.8504, 15.1616 looks on a white background.

Color Contrast Check

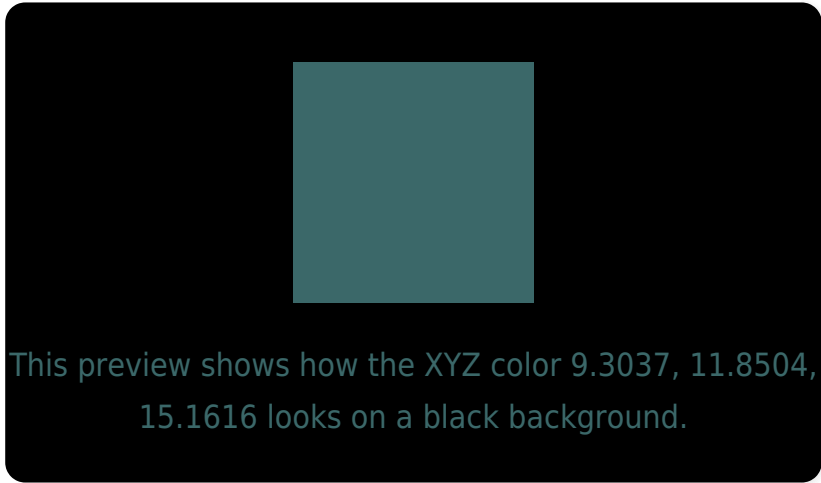
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 9.3037, 11.8504, 15.1616

Background



This preview shows how black text looks on a background with the XYZ color 9.3037, 11.8504, 15.1616.



This preview shows how white text looks on a background with the XYZ color 9.3037, 11.8504,

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

9.3037, 11.8504, 15.1616

Protanopia

11.4129, 11.8272, 13.7380

Deuteranopia

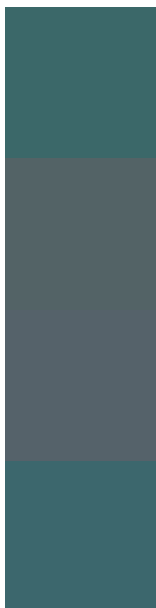
11.9121, 11.7763, 15.5551



Tritanopia

9.6440, 11.8403, 16.8160

Trichromacy



Original Color

9.3037, 11.8504, 15.1616

Protanomaly

10.4274, 11.7220, 14.2834

Deuteranomaly

10.7155, 11.7073, 15.3306

Tritanomaly

9.4740, 11.7653, 16.2396

Monochromacy



Original Color

9.3037, 11.8504, 15.1616

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.5186, 10.8725, 12.6633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3037, 11.8504, 15.1616 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(59, 104, 105)` looks like.

```
.text, #text, p{  
    color:rgb(59, 104, 105)  
}
```

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(59, 104, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 104, 105) }
```

Border

The CSS property to change the border of an element to XYZ 9.3037, 11.8504, 15.1616 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(59, 104, 105) }
```


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

```
.border{ border-color:rgb(59, 104, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 104, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 104, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 104, 105);  
box-shadow:4px 4px 4px 4px rgb(59, 104,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3037, 11.8504, 15.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 104, 105) }
```

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

```
.background{ background-color: rgb(59, 104,  
105) }
```

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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