

Converting Colors

XYZ(11.0538, 12.3002, 15.7015)

Have a look what the booklet for
XYZ(11.0538, 12.3002, 15.7015)
contains.

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Color

**XYZ(11.0538, 12.3002,
15.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	55656B
RGB	85, 101, 107
RGB Percent	33%, 40%, 42%
CMY	0.6667, 0.6039, 0.5804
CMYK	0.21, 0.06, 0.00, 0.58
HSL	196°, 11%, 38%
HSV	196°, 21%, 42%
XYZ	11.0538, 12.3002, 15.7015
YIQ	96.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

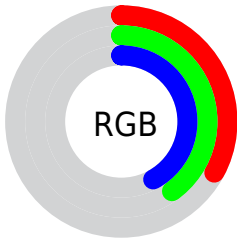
Format	Color
R_{YB}	85, 94, 107
Decimal	5596523
CIE Lab	41.69, -4.60, -5.42
CIE LCh	42, 7.107, 229.640
Yxy	12.3002, 0.2830, 0.3149
Android (android.graphics.Color)	4283786603 (0xFF55656B)
YUV	96.9000, 4.9793, -10.4363
Hunter-Lab	35.0716, -5.1161, -1.9939

Details

The XYZ color **11.0538, 12.3002, 15.7015** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4442, 11.2637, 10.1654**, and the grayscale version is **11.3282, 11.9181, 12.9788**.

A 20% lighter version of the original color is **27.3915, 30.0760, 36.7093**, and **2.9715, 3.3959, 4.7738** is the 20% darker color. If you saturate the color by 10%, you get **9.8768, 11.2806, 15.5669**, and if you desaturate by 10%, it is **12.3886, 13.4166, 15.8468**.

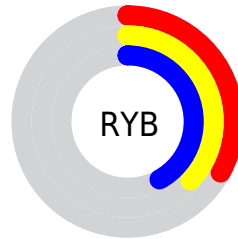
Distribution



Red (33%)

Green (40%)

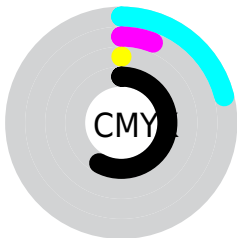
Blue (42%)



Red (33%)

Yellow (37%)

Blue (42%)

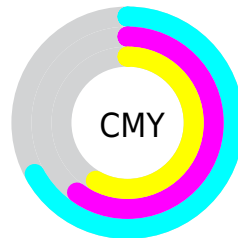


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0538, 12.3002, 15.7015 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 11.0538, 12.3002, 15.7015 by changing the saturation by 10% instead.

■ 11.0538, 12.3002,
15.7015

■ 11.0538, 12.3002,
15.7015

191.9370,
206.3827, 239.3591

■ 6.1706, 6.9485,
9.1611

■ 27.3917, 30.0407,
36.8388

■ 2.9907, 3.4299,
4.7482

■ 39.5771, 43.1982,
52.2727

■ 1.1489, 1.3601,
2.0441

■ 54.9272, 59.7265,
71.5083

■ 0.0654, 0.1870,
0.5822

■ 73.8075, 80.0099,
94.9640

■ 0.0000, 0.0000,
0.0000

■ 96.5832, 104.4329,
123.0584

123.6198,

133.3797, 156.2100

155.2826,
167.2348, 194.8374

■ 11.0538, 12.3002,
15.7015

■ 11.0538, 12.3002,
15.7015

■ 9.8768, 11.2806,
15.5669

■ 12.3886, 13.4166,
15.8468

■ 8.8497, 10.3528,
15.4420

■ 13.8862, 14.6318,
16.0025

■ 7.9657, 9.5135,
15.3266

■ 15.5530, 15.9494,
16.1689

■ 7.2171, 8.7583,
15.2203

■ 17.3946, 17.3725,
16.3466

■ 6.5952, 8.0828,
15.1227

■ 19.4164, 18.9040,
16.5356

■ 6.0904, 7.4818,
15.0333

■ 21.6233, 20.5466,
16.7363

■ 5.6917, 6.9495,
14.9515

■ 24.0203, 22.3030,
16.9490

■ 5.3660, 6.4858,
14.8792

■ 26.6122, 24.1758,
17.1739

■ 29.4035, 26.1675,
17.4112

Harmonies

Analogous

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



10.7721, 12.3002, 14.3810



11.0538, 12.3002, 15.7015



11.5116, 12.3002, 16.4198

Triad

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



11.0538, 12.3002, 15.7015



12.7050, 12.3002, 13.9157



11.3573, 12.3002, 10.8670

Complementary

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



11.0538, 12.3002, 15.7015



11.4442, 11.2637, 10.1654

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.



11.8722, 12.3002, 10.7628



11.0538, 12.3002, 15.7015



12.6606, 12.3002, 12.4509

Square

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



11.0538, 12.3002, 15.7015



12.4715, 12.3002, 15.3392



12.3522, 12.3002, 11.3223



10.9437, 12.3002, 11.6185

Rectangle

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



11.0538, 12.3002, 15.7015



11.8596, 12.3002, 16.4270



12.3522, 12.3002, 11.3223



11.5239, 12.3002, 10.7574

Sweetspot

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



11.0542, 12.3007, 15.7018



23.3241, 24.9573, 28.4956



10.8867, 13.1999, 11.8416



5.6167, 6.0173, 6.8942



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.0542, 12.3007, 15.7018



18.6746, 21.0650, 27.9894



10.0677, 10.3278, 15.3730



3.1155, 3.3593, 3.9191



6.5022, 7.8386, 18.0926



32.3823, 38.4431, 91.9397

Inverse Universe

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



11.6611, 10.5626, 13.7367



20.0039, 17.3689, 23.6610



12.4416, 13.2584, 10.4979



3.1841, 3.1505, 3.6997



9.0289, 4.4637, 9.0464



45.6279, 22.5931, 44.1046

Previews

White Background



This preview shows how the XYZ color 11.0538, 12.3002, 15.7015 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 11.0538, 12.3002, 15.7015 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

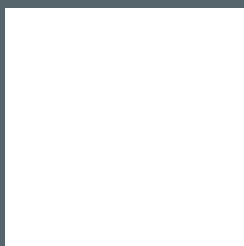
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0538, 12.3002, 15.7015

Background



This preview shows how black text looks on a background with the XYZ color 11.0538, 12.3002, 15.7015.



This preview shows how white text looks on a background with the XYZ color 11.0538, 12.3002,

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

11.0538, 12.3002, 15.7015

Protanopia

11.9545, 12.3520, 15.1187

Deuteranopia

12.3925, 12.1507, 15.8795



Tritanopia

11.1603, 12.3428, 16.2622

Trichromacy



Original Color

11.0538, 12.3002, 15.7015

Protanomaly

11.5776, 12.2914, 15.3980

Deuteranomaly

11.8053, 12.1189, 15.9043

Tritanomaly

11.1068, 12.3214, 15.9802

Monochromacy



Original Color

11.0538, 12.3002, 15.7015

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2308, 12.0021, 14.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0538, 12.3002, 15.7015 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(85, 101, 107) looks like.

```
.text, #text, p{  
    color:rgb(85, 101, 107)  
}
```

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(85, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 101, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.0538, 12.3002, 15.7015 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(85, 101, 107) }
```


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

```
.border{ border-color:rgb(85, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(85, 101,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0538, 12.3002, 15.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 101, 107) }
```

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

```
.background{ background-color: rgb(85, 101,  
107) }
```

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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