

Converting Colors

XYZ(11.7532, 15.1267, 11.5328)

Have a look what the booklet for
XYZ(11.7532, 15.1267, 11.5328)
contains.

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Color

**XYZ(11.7532, 15.1267,
11.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	557458
RGB	85, 116, 88
RGB Percent	33%, 45%, 35%
CMY	0.6667, 0.5451, 0.6549
CMYK	0.27, 0.00, 0.24, 0.55
HSL	126°, 15%, 39%
HSV	126°, 27%, 45%
XYZ	11.7532, 15.1267, 11.5328
YIQ	103.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

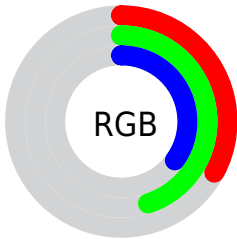
Format	Color
RYB	85, 113, 116
Decimal	5600344
CIELab	45.81, -17.31, 11.94
CIElCh	46, 21.026, 145.411
Yxy	15.1267, 0.3060, 0.3938
Android (android.graphics.Color)	4283790424 (0xFF557458)
YUV	103.5390, -7.6607, -16.2587
Hunter-Lab	38.8931, -14.1214, 9.6441

Details

The XYZ color **11.7532, 15.1267, 11.5328** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.4322, 11.4027, 17.1166**, and the grayscale version is **13.0570, 13.7370, 14.9596**.

A 20% lighter version of the original color is **28.5818, 34.9911, 29.2923**, and **3.2844, 4.7135, 2.9272** is the 20% darker color. If you saturate the color by 10%, you get **10.3819, 14.4668, 9.3636**, and if you desaturate by 10%, it is **13.3604, 15.9019, 14.0393**.

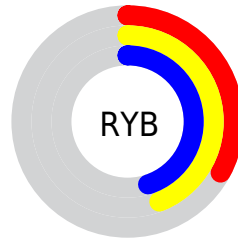
Distribution



Red (33%)

Green (45%)

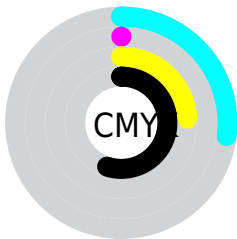
Blue (35%)



Red (33%)

Yellow (44%)

Blue (45%)

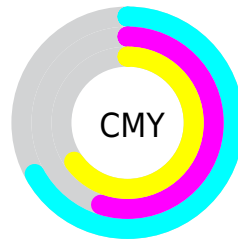


Cyan (27%)

Magenta (0%)

Yellow (24%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7532, 15.1267, 11.5328 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 11.7532, 15.1267, 11.5328 by changing the saturation by 10% instead.

■ 11.7532, 15.1267,
11.5328

■ 11.7532, 15.1267,
11.5328

196.5680,
224.1318, 212.1542

■ 6.6469, 8.9084,
6.3078

■ 28.6656, 35.0753,
29.2928

■ 3.2866, 4.6815,
2.9613

■ 41.2023, 49.5743,
42.6649

■ 1.3071, 2.0616,
1.0749

■ 56.9466, 67.6024,
59.5898

■ 0.1885, 0.6429,
0.0000

■ 76.2637, 89.5439,
80.4859

■ 0.0000, 0.0000,
0.0000

■ 99.5190, 115.7832,
105.7719

127.0780,

146.7047, 135.8662

159.3058,
182.6927, 171.1875

■ 11.7532, 15.1267,
11.5328

■ 11.7532, 15.1267,
11.5328

■ 10.3819, 14.4668,
9.3636

■ 13.3604, 15.9019,
14.0393

■ 9.2343, 13.9149,
7.5165

■ 15.2126, 16.7954,
16.8958

■ 8.2988, 13.4657,
5.9764

■ 17.3199, 17.8127,
20.1151

■ 7.5623, 13.1129,
4.7266

■ 19.6915, 18.9582,
23.7096

■ 7.0102, 12.8494,
3.7489

■ 22.3362, 20.2362,
27.6906

■ 6.6262, 12.6671,
3.0231

■ 25.2623, 21.6508,
32.0693

■ 6.3771, 12.5494,
2.5254

■ 28.4777, 23.2057,
36.8562

■ 6.3074, 12.5161,
2.4069

■ 31.9900, 24.9049,
42.0616

■ 35.8068, 26.7517,
47.6954

Harmonies

Analogous

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



12.9656, 15.1267, 9.1407



11.7532, 15.1267, 11.5328



11.2442, 15.1267, 15.7027

Triad

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



11.7532, 15.1267, 11.5328



14.1069, 15.1267, 28.2247



17.6766, 15.1267, 12.6311

Complementary

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



11.7532, 15.1267, 11.5328



13.4322, 11.4027, 17.1166

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.



18.0446, 15.1267, 17.2627



11.7532, 15.1267, 11.5328



15.8882, 15.1267, 26.9388

Square

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



11.7532, 15.1267, 11.5328



12.5303, 15.1267, 25.8705



17.3659, 15.1267, 22.6478



16.3978, 15.1267, 9.6776

Rectangle

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



11.7532, 15.1267, 11.5328



11.3391, 15.1267, 19.1994



17.3659, 15.1267, 22.6478



17.9152, 15.1267, 14.0131

Sweetspot

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



11.7536, 15.1273, 11.5331



26.2308, 29.2763, 28.9168



14.7495, 16.6859, 11.0379



6.1552, 6.9348, 6.7409



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.7536, 15.1273, 11.5331



19.1445, 25.8601, 17.8827



12.4446, 15.4037, 15.1717



3.6537, 4.1034, 4.0103



7.0742, 14.0437, 2.6807



34.3213, 68.3758, 12.2631

Inverse Universe

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



13.4322, 11.4027, 17.1166



22.6142, 18.1586, 29.4221



12.6521, 11.0907, 13.0090



3.8121, 3.7521, 4.5373



10.9276, 5.3048, 15.3589



53.0772, 25.7810, 73.9271

Previews

White Background



This preview shows how the XYZ color 11.7532, 15.1267, 11.5328 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 11.7532, 15.1267, 11.5328 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 11.7532, 15.1267, 11.5328

Background



This preview shows how black text looks on a background with the XYZ color 11.7532, 15.1267, 11.5328.



This preview shows how white text looks on a background with the XYZ color 11.7532, 15.1267,

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

11.7532, 15.1267, 11.5328

Protanopia

14.0330, 15.0101, 10.5451

Deuteranopia

15.2961, 15.0159, 11.9897



Tritanopia

13.5597, 15.1930, 20.3070

Trichromacy



Original Color

11.7532, 15.1267, 11.5328

Protanomaly

13.0331, 14.9678, 10.7965

Deuteranomaly

13.6384, 14.7783, 11.8065

Tritanomaly

12.7853, 15.0382, 16.6968

Monochromacy



Original Color

11.7532, 15.1267, 11.5328

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4969, 14.1484, 13.6275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7532, 15.1267, 11.5328 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, 116, 88) looks like.

```
.text, #text, p{  
    color:rgb(85, 116, 88)  
}
```

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, 116, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 116, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.7532, 15.1267, 11.5328 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, 116, 88) }
```


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

```
.border{ border-color:rgb(85, 116, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 116, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 116, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 116, 88);  
box-shadow:4px 4px 4px 4px rgb(85, 116,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7532, 15.1267, 11.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 116, 88) }
```

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

```
.background{ background-color: rgb(85, 116,  
88) }
```

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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