

Converting Colors

XYZ(11.3841, 11.3355, 16.9511)

Have a look what the booklet for
XYZ(11.3841, 11.3355, 16.9511)
contains.

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Color

**XYZ(11.3532, 11.3257,
16.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5D70
RGB	93, 93, 112
RGB Percent	36%, 36%, 44%
CMY	0.6353, 0.6353, 0.5608
CMYK	0.17, 0.17, 0.00, 0.56
HSL	240°, 9%, 40%
HSV	240°, 17%, 44%
XYZ	11.3532, 11.3257, 16.9169
YIQ	95.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

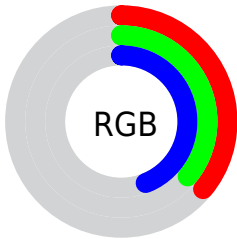
Format	Color
RYB	93, 93, 112
Decimal	6118768
CIELab	40.12, 4.33, -10.75
CIELCh	40, 11.593, 291.933
Yxy	11.3257, 0.2867, 0.2860
Android (android.graphics.Color)	4284308848 (0xFF5D5D70)
YUV	95.1660, 8.2992, -1.8996
Hunter-Lab	33.6537, 1.3237, -6.2461

Details

The XYZ color **11.3532, 11.3257, 16.9169** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4522, 15.8234, 12.6488**, and the grayscale version is **10.8991, 11.4667, 12.4872**.

A 20% lighter version of the original color is **27.8510, 28.1649, 39.0904**, and **3.1142, 3.0075, 5.2669** is the 20% darker color. If you saturate the color by 10%, you get **9.3895, 8.9596, 16.5639**, and if you desaturate by 10%, it is **13.6277, 14.0663, 17.3262**.

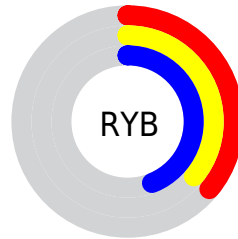
Distribution



Red (36%)

Green (36%)

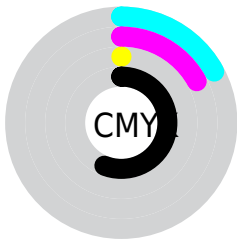
Blue (44%)



Red (36%)

Yellow (36%)

Blue (44%)

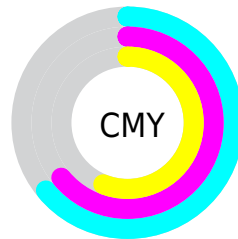


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (64%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3532, 11.3257, 16.9169 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 11.3532, 11.3257, 16.9169 by changing the saturation by 10% instead.

■ 11.3532, 11.3257,
16.9169

■ 11.3532, 11.3257,
16.9169

193.9336,
199.8886, 246.7208

■ 6.3740, 6.2864,
10.0139

■ 27.9387, 28.2609,
38.9715

■ 3.1166, 3.0200,
5.3025

■ 40.2756, 40.9255,
54.9603

■ 1.2157, 1.1422,
2.3640

■ 55.7958, 56.9007,
74.8147

■ 0.1187, 0.0137,
0.7667

■ 74.8647, 76.5708,
98.9533

■ 0.0000, 0.0000,
0.0000

97.8475, 100.3203,
127.7947

125.1097,

128.5335, 161.7574

157.0166,
161.5948, 201.2599

■ 11.3532, 11.3257,
16.9169

■ 11.3532, 11.3257,
16.9169

■ 9.3895, 8.9596,
16.5639

■ 13.6277, 14.0663,
17.3262

■ 7.7221, 6.9505,
16.2640

■ 16.2244, 17.1952,
17.7933

■ 6.3369, 5.2815,
16.0148

■ 19.1558, 20.7273,
18.3205

■ 5.2184, 3.9337,
15.8136

■ 22.4331, 24.6761,
18.9100

■ 4.3493, 2.8866,
15.6573

■ 26.0670, 29.0547,
19.5636

■ 3.7107, 2.1170,
15.5424

■ 30.0678, 33.8754,
20.2832

■ 3.2805, 1.5987,
15.4651

■ 34.4455, 39.1502,
21.0707

■ 3.0042, 1.2657,
15.4153

■ 39.2096, 44.8905,
21.9276

■ 2.9247, 1.1699,
15.4011

■ 44.3692, 51.1074,
22.8556

Harmonies

Analogous

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



10.5490, 11.3257, 17.2611



11.3532, 11.3257, 16.9169



12.0297, 11.3257, 15.2714

Triad

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



11.3532, 11.3257, 16.9169



11.7474, 11.3257, 9.1612



9.3040, 11.3257, 11.7202

Complementary

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



11.3532, 11.3257, 16.9169



14.4522, 15.8234, 12.6488

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.



9.5917, 11.3257, 9.7959



11.3532, 11.3257, 16.9169



10.9834, 11.3257, 8.4434

Square

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



11.3532, 11.3257, 16.9169



12.2651, 11.3257, 10.7492



10.1970, 11.3257, 8.6604



9.3921, 11.3257, 14.0625

Rectangle

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



11.3532, 11.3257, 16.9169



12.3040, 11.3257, 13.7580



10.1970, 11.3257, 8.6604



9.3595, 11.3257, 11.0077

Sweetspot

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



11.3535, 11.3262, 16.9172



24.7331, 25.6662, 30.5803



13.2156, 15.0785, 17.4510



5.8850, 6.0974, 7.3365



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.3535, 11.3262, 16.9172



18.6554, 18.3430, 29.4871



12.3396, 11.8344, 16.9633



3.2176, 3.3005, 4.2217



3.3811, 1.3525, 17.8045



16.8427, 6.7372, 88.6918

Inverse Universe

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



12.5725, 12.0641, 12.0224



21.1853, 19.8745, 19.3284



13.3427, 15.2516, 12.5969



3.3845, 3.4015, 3.5515



7.7250, 3.9824, 0.3616



38.4814, 19.8379, 1.8011

Previews

White Background



This preview shows how the XYZ color 11.3532, 11.3257, 16.9169 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 11.3532, 11.3257, 16.9169 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 11.3532, 11.3257, 16.9169

Background



This preview shows how black text looks on a background with the XYZ color 11.3532, 11.3257, 16.9169.

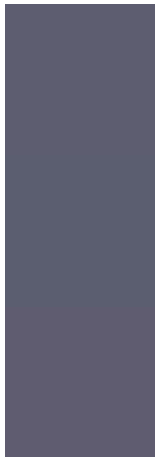


This preview shows how white text looks on a background with the XYZ color 11.3532, 11.3257,

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

11.3532, 11.3257, 16.9169

Protanopia

11.2417, 11.3994, 16.9370

Deuteranopia

11.4711, 11.2570, 16.8975



Tritanopia

10.8049, 11.3679, 14.1951

Trichromacy



Original Color

11.3532, 11.3257, 16.9169

Protanomaly

11.3410, 11.4506, 16.9417

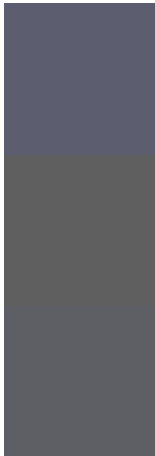
Deuteranomaly

11.3679, 11.2038, 16.8926

Tritanomaly

11.0179, 11.3213, 15.2402

Monochromacy



Original Color

11.3532, 11.3257, 16.9169

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.9678, 11.3247, 13.9197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3532, 11.3257, 16.9169 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(93, 93, 112) looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 112)  
}
```

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(93, 93, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.3532, 11.3257, 16.9169 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(93, 93, 112) }
```


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

```
.border{ border-color:rgb(93, 93, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 93, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3532, 11.3257, 16.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 112) }
```

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

```
.background{ background-color: rgb(93, 93,  
112) }
```

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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