

Converting Colors

XYZ(11.2745, 12.3001, 12.5484)

Have a look what the booklet for
XYZ(11.2745, 12.3001, 12.5484)
contains.

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Color

**XYZ(11.3420, 12.3735,
12.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	5F645F
RGB	95, 100, 95
RGB Percent	37%, 39%, 37%
CMY	0.6275, 0.6078, 0.6274
CMYK	0.05, 0.00, 0.05, 0.61
HSL	120°, 3%, 38%
HSV	120°, 5%, 39%
XYZ	11.3420, 12.3735, 12.6170
YIQ	97.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

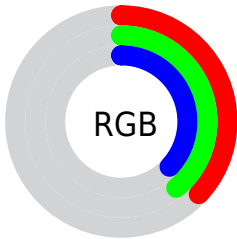
Format	Color
R_{YB}	95, 100, 100
Decimal	6251615
CIE Lab	41.80, -2.99, 2.16
CIE LCh	42, 3.688, 144.224
Yxy	12.3735, 0.3122, 0.3406
Android (android.graphics.Color)	4284441695 (0xFF5F645F)
YUV	97.9350, -1.4470, -2.5740
Hunter-Lab	35.1760, -4.0032, 3.3569

Details

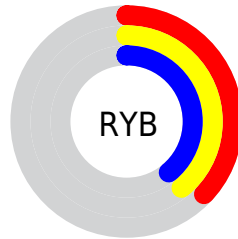
The XYZ color **11.3420, 12.3735, 12.6170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6484, 11.8140, 13.7235**, and the grayscale version is **11.5973, 12.2013, 13.2872**.

A 20% lighter version of the original color is **27.8545, 30.1973, 31.1486**, and **3.0941, 3.4209, 3.4030** is the 20% darker color. If you saturate the color by 10%, you get **9.9435, 11.7021, 10.3294**, and if you desaturate by 10%, it is **12.9329, 13.1381, 15.2187**.

Distribution



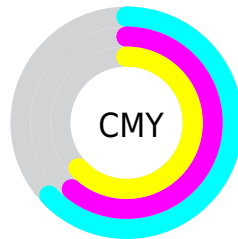
- Red (37%)
- Green (39%)
- Blue (37%)



- Red (37%)
- Yellow (39%)
- Blue (39%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3420, 12.3735, 12.6170 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 11.3420, 12.3735, 12.6170 by changing the saturation by 10% instead.

■ 11.3420, 12.3735,
12.6170

■ 11.3420, 12.3735,
12.6170

193.8593,
206.8625, 219.5692

■ 6.3663, 6.9986,
7.0377

■ 27.9183, 30.1736,
31.2950

■ 3.1119, 3.4612,
3.4069

■ 40.2496, 43.3675,
45.2308

■ 1.2132, 1.3770,
1.3060

■ 55.7635, 59.9365,
62.7892

■ 0.1167, 0.1997,
0.0667

■ 74.8253, 80.2651,
84.3888

■ 0.0000, 0.0000,
0.0000

97.8005, 104.7376,
110.4480

125.0543,

133.7384, 141.3855

156.9521,
167.6519, 177.6197

■ 11.3420, 12.3735,
12.6170

■ 11.3420, 12.3735,
12.6170

■ 9.9435, 11.7021,
10.3294

■ 12.9329, 13.1381,
15.2187

■ 8.7292, 11.1188,
8.3433

■ 14.7221, 13.9975,
18.1449

■ 7.6916, 10.6204,
6.6464

■ 16.7164, 14.9555,
21.4065

■ 6.8227, 10.2030,
5.2250

■ 18.9221, 16.0150,
25.0137

■ 6.1134, 9.8623,
4.0648

■ 21.3451, 17.1789,
28.9763

■ 5.5540, 9.5936,
3.1499

■ 23.9911, 18.4499,
33.3036

■ 5.1339, 9.3918,
2.4625

■ 26.8656, 19.8307,
38.0046

■ 4.8407, 9.2510,
1.9829

■ 29.9739, 21.3238,
43.0880

■ 4.6475, 9.1581,
1.6667

■ 33.3213, 22.9318,
48.5622

Harmonies

Analogous

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



11.5477, 12.3735, 12.1541



11.3420, 12.3735, 12.6170



11.2487, 12.3735, 13.3227

Triad

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



11.3420, 12.3735, 12.6170



11.7082, 12.3735, 15.0162



12.2434, 12.3735, 12.8682

Complementary

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



11.3420, 12.3735, 12.6170



11.6484, 11.8140, 13.7235

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.



12.2879, 12.3735, 13.6237



11.3420, 12.3735, 12.6170



11.9762, 12.3735, 14.8832

Square

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



11.3420, 12.3735, 12.6170



11.4580, 12.3735, 14.7229



12.1895, 12.3735, 14.3661



12.0686, 12.3735, 12.2952

Rectangle

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



11.3420, 12.3735, 12.6170



11.2616, 12.3735, 13.8435



12.1895, 12.3735, 14.3661



12.2742, 12.3735, 13.1085

Sweetspot

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



11.3423, 12.3740, 12.6173



20.6688, 22.0692, 23.4030



11.8789, 12.6506, 12.6422



5.0974, 5.4359, 5.7777



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.3423, 12.3740, 12.6173



19.5786, 21.5455, 21.6199



11.4579, 12.4202, 13.2257



2.8979, 3.1910, 3.1983



6.1024, 12.2046, 2.0347



31.8268, 63.6533, 10.6101

Inverse Universe

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



11.6484, 11.8140, 13.7235



20.2360, 20.3426, 23.9962



11.5292, 11.7663, 13.0957



2.9966, 3.0104, 3.5550



10.1164, 4.8595, 16.5431



52.7621, 25.3448, 86.2793

Previews

White Background



This preview shows how the XYZ color 11.3420, 12.3735, 12.6170 looks on a white background.

Color Contrast Check

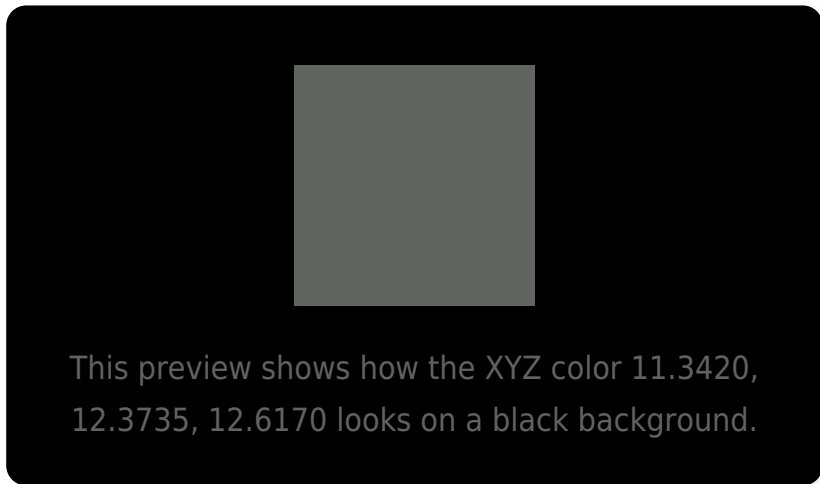
Large Text (above 18pt) WCAG AA ✓ Pass

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

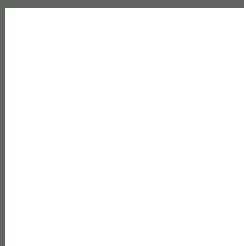
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3420, 12.3735, 12.6170

Background



This preview shows how black text looks on a background with the XYZ color 11.3420, 12.3735, 12.6170.



This preview shows how white text looks on a background with the XYZ color 11.3420, 12.3735,

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

11.3420, 12.3735, 12.6170

Protanopia

11.7549, 12.3102, 12.3462

Deuteranopia

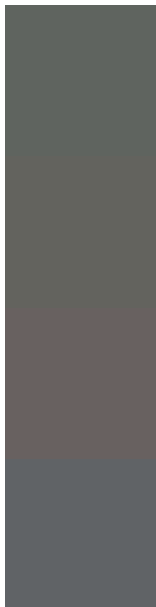
12.5102, 12.2802, 12.7773



Tritanopia

11.8990, 12.3174, 15.3860

Trichromacy



Original Color

11.3420, 12.3735, 12.6170

Protanomaly

11.6278, 12.3845, 12.3673

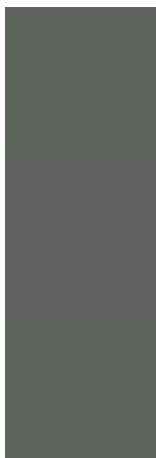
Deuteranomaly

12.0949, 12.3370, 12.8101

Tritanomaly

11.6840, 12.3698, 14.3422

Monochromacy



Original Color

11.3420, 12.3735, 12.6170

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5493, 12.3281, 13.0801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3420, 12.3735, 12.6170 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(95, 100, 95) looks like.

```
.text, #text, p{  
    color:rgb(95, 100, 95)  
}
```

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(95, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 100, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.3420, 12.3735, 12.6170 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(95, 100, 95) }
```


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

```
.border{ border-color:rgb(95, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(95, 100,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3420, 12.3735, 12.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 100, 95) }
```

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

```
.background{ background-color: rgb(95, 100,  
95) }
```

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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