

Converting Colors

XYZ(11.1470, 9.7423, 34.8496)

Have a look what the booklet for
XYZ(11.1470, 9.7423, 34.8496)
contains.

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Color

**XYZ(11.1789, 9.7261,
35.0063)**

Conversions

Conversions Part 1

Format	Color
Hex	3754A1
RGB	55, 84, 161
RGB Percent	22%, 33%, 63%
CMY	0.7843, 0.6706, 0.3686
CMYK	0.66, 0.48, 0.00, 0.37
HSL	224°, 49%, 42%
HSV	224°, 66%, 63%
XYZ	11.1789, 9.7261, 35.0063
YIQ	84.1070, -42.0010, 17.7990

Conversions

Conversions Part 2

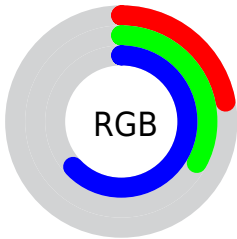
Format	Color
RYB	55, 78, 161
Decimal	3626145
CIELab	37.35, 15.04, -45.04
CIElCh	37, 47.479, 288.462
Yxy	9.7261, 0.1999, 0.1740
Android (android.graphics.Color)	4281816225 (0xFF3754A1)
YUV	84.1070, 37.9082, -25.5268
Hunter-Lab	31.1867, 9.4068, -44.7209

Details

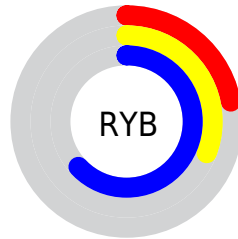
The XYZ color **11.1789, 9.7261, 35.0063** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **23.6398, 24.3570, 7.0706**, and the grayscale version is **8.3798, 8.8162, 9.6009**.

A 20% lighter version of the original color is **27.5923, 25.2436, 68.3840**, and **3.5191, 2.6217, 14.7886** is the 20% darker color. If you saturate the color by 10%, you get **9.6033, 7.6770, 34.6940**, and if you desaturate by 10%, it is **13.1946, 12.2273, 35.3831**.

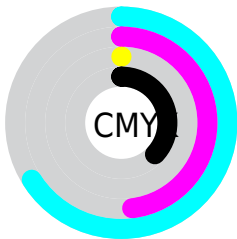
Distribution



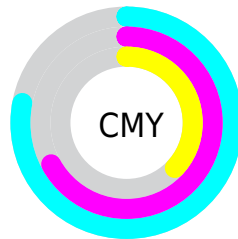
- Red (22%)
- Green (33%)
- Blue (63%)



- Red (22%)
- Yellow (31%)
- Blue (63%)



- Cyan (66%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (78%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1789, 9.7261, 35.0063 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 11.1789, 9.7261, 35.0063 by changing the saturation by 10% instead.

■ 11.1789, 9.7261,
35.0063

■ 11.1789, 9.7261,
35.0063

192.7739,
188.7059, 339.5012

■ 6.2555, 5.2177,
23.3841

■ 27.6205, 25.2790,
68.6472

■ 3.0432, 2.3756,
14.6694

■ 39.8695, 37.0924,
91.5030

■ 1.1766, 0.8133,
8.4437

■ 55.2909, 52.1095,
118.9405

■ 0.0878, 0.0000,
4.2883

■ 74.2503, 70.7149,
151.3781

■ 0.0000, 0.0000,
1.7848

■ 97.1129, 93.2928,
189.2345

■ 0.0000, 0.0000,
0.4179

124.2442,

■ 0.0000, 0.0000,

120.2276, 232.9281

0.0000

156.0094,
151.9039, 282.8775

■ 11.1789, 9.7261,
35.0063

■ 11.1789, 9.7261,
35.0063

■ 9.6033, 7.6770,
34.6940

■ 13.1946, 12.2273,
35.3831

■ 8.4299, 6.0490,
34.4417

■ 15.6815, 15.2068,
35.8271

■ 7.6117, 4.8059,
34.2448

■ 18.6691, 18.6896,
36.3419

■ 7.3353, 4.3777,
34.1768

■ 22.1840, 22.6987,
36.9304

■ 26.2510, 27.2554,
37.5956

■ 30.8931, 32.3801,
38.3401

■ 36.1320, 38.0917,
39.1665

■ 41.9884, 44.4087,
40.0771

■ 48.4818, 51.3484,
41.0744

Harmonies

Analogous

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



8.1456, 9.7261, 36.1561



11.1789, 9.7261, 35.0063



14.2273, 9.7261, 25.6128

Triad

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



11.1789, 9.7261, 35.0063



13.5854, 9.7261, 2.4467



4.6922, 9.7261, 7.6367

Complementary

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



11.1789, 9.7261, 35.0063



23.6398, 24.3570, 7.0706

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.



5.5864, 9.7261, 3.0127



11.1789, 9.7261, 35.0063



10.4378, 9.7261, 1.2784

Square

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



11.1789, 9.7261, 35.0063



15.8094, 9.7261, 6.1994



7.5470, 9.7261, 1.4077



4.8070, 9.7261, 16.6787

Rectangle

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



11.1789, 9.7261, 35.0063



15.6595, 9.7261, 17.8241



7.5470, 9.7261, 1.4077



4.8753, 9.7261, 5.6381

Sweetspot

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



11.1793, 9.7264, 35.0066



43.5806, 44.9824, 66.7721



18.4154, 27.9401, 25.8840



9.1430, 9.3998, 14.5761



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



11.1793, 9.7264, 35.0066



16.1365, 12.3031, 61.9108



10.9391, 6.9247, 34.4784



6.8508, 7.1607, 8.9241



5.8886, 3.5566, 27.3059



0.1610, 0.1492, 0.5862

Inverse Universe

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



17.6648, 10.9502, 9.5702



29.0275, 16.0876, 11.0482



23.9217, 31.1720, 8.3712



7.1497, 7.1163, 7.7746



12.1178, 6.2032, 2.5448



0.2734, 0.1379, 0.1524

Previews

White Background



This preview shows how the XYZ color 11.1789, 9.7261, 35.0063 looks on a white background.

Color Contrast Check

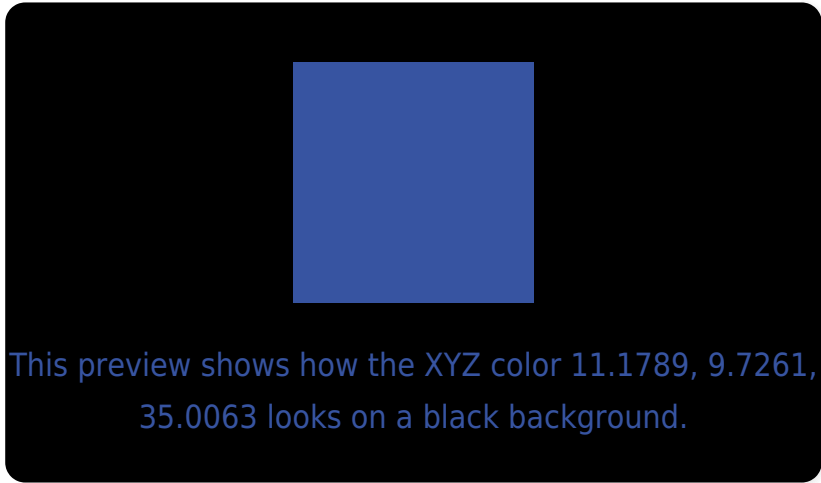
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.1789, 9.7261, 35.0063

Background



This preview shows how black text looks on a background with the XYZ color 11.1789, 9.7261, 35.0063.



This preview shows how white text looks on a background with the XYZ color 11.1789, 9.7261,

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

11.1789, 9.7261, 35.0063

Protanopia

10.9890, 9.7340, 35.4821

Deuteranopia

9.7439, 9.6134, 33.6898



Tritanopia

7.0215, 9.6709, 14.8612

Trichromacy



Original Color

11.1789, 9.7261, 35.0063

Protanomaly

11.1353, 9.8094, 35.4889

Deuteranomaly

9.9547, 9.4683, 34.1038

Tritanomaly

8.0642, 9.4110, 20.7935

Monochromacy



Original Color

11.1789, 9.7261, 35.0063

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.8426, 8.9270, 16.5863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1789, 9.7261, 35.0063 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(55, 84, 161)` looks like.

```
.text, #text, p{  
    color:rgb(55, 84, 161)  
}
```

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(55, 84, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 161) }
```

Border

The CSS property to change the border of an element to XYZ 11.1789, 9.7261, 35.0063 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(55, 84, 161) }
```


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

```
.border{ border-color:rgb(55, 84, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 84, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 84, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 84, 161);  
box-shadow:4px 4px 4px 4px rgb(55, 84,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1789, 9.7261, 35.0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 84, 161) }
```

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

```
.background{ background-color: rgb(55, 84,  
161) }
```

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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