

Converting Colors

XYZ(11.3267, 11.8676, 13.7293)

Have a look what the booklet for
XYZ(11.3267, 11.8676, 13.7293)
contains.

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Color

**XYZ(11.3988, 11.9563,
13.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	606164
RGB	96, 97, 100
RGB Percent	38%, 38%, 39%
CMY	0.6235, 0.6196, 0.6078
CMYK	0.04, 0.03, 0.00, 0.61
HSL	225°, 2%, 38%
HSV	225°, 4%, 39%
XYZ	11.3988, 11.9563, 13.7636
YIQ	97.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

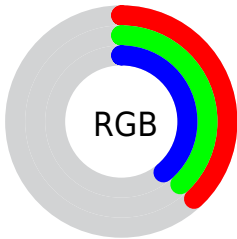
Format	Color
RYB	96, 97, 100
Decimal	6316388
CIELab	41.15, 0.25, -1.85
CIELCh	41, 1.862, 277.728
Yxy	11.9563, 0.3071, 0.3221
Android (android.graphics.Color)	4284506468 (0xFF606164)
YUV	97.0430, 1.4578, -0.9147
Hunter-Lab	34.5779, -1.6677, 0.6044

Details

The XYZ color **11.3988, 11.9563, 13.7636** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8287, 12.4773, 12.8514**, and the grayscale version is **11.3699, 11.9621, 13.0267**.

A 20% lighter version of the original color is **28.0299, 29.5252, 33.4998**, and **3.1418, 3.3028, 3.8401** is the 20% darker color. If you saturate the color by 10%, you get **9.7529, 10.1281, 13.4977**, and if you desaturate by 10%, it is **13.2448, 13.9854, 14.0581**.

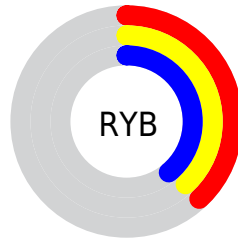
Distribution



Red (38%)

Green (38%)

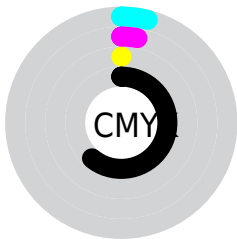
Blue (39%)



Red (38%)

Yellow (38%)

Blue (39%)

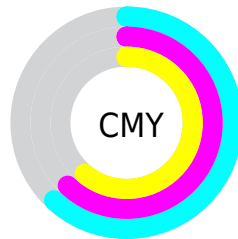


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3988, 11.9563, 13.7636 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 11.3988, 11.9563, 13.7636 by changing the saturation by 10% instead.

■ 11.3988, 11.9563,
13.7636

■ 11.3988, 11.9563,
13.7636

194.2358,
204.1158, 227.1322

■ 6.4050, 6.7139,
7.8196

■ 28.0218, 29.4155,
33.3800

■ 3.1359, 3.2838,
3.8936

■ 40.3816, 42.4011,
47.8895

■ 1.2260, 1.2817,
1.5672

■ 55.9276, 58.7366,
66.0913

■ 0.1268, 0.1269,
0.2672

■ 75.0249, 78.8063,
88.4037

■ 0.0000, 0.0000,
0.0000

98.0391, 102.9947,
115.2456

125.3354,

131.6861, 147.0352

157.2792,
165.2650, 184.1913

■ 11.3988, 11.9563,
13.7636

■ 11.3988, 11.9563,
13.7636

■ 9.7529, 10.1281,
13.4977

■ 13.2448, 13.9854,
14.0581

■ 8.2991, 8.4932,
13.2587

■ 15.2962, 16.2198,
14.3813

■ 7.0306, 7.0454,
13.0461

■ 17.5595, 18.6657,
14.7341

■ 5.9397, 5.7779,
12.8590

■ 20.0408, 21.3286,
15.1173

■ 5.0183, 4.6835,
12.6963

■ 22.7457, 24.2136,
15.5316

■ 4.2573, 3.7541,
12.5570

■ 25.6796, 27.3258,
15.9777

■ 3.6472, 2.9815,
12.4400

■ 28.8478, 30.6701,
16.4562

■ 3.1769, 2.3561,
12.3441

■ 32.2555, 34.2513,
16.9679

■ 2.8283, 1.8647,
12.2676

■ 35.9076, 38.0740,
17.5133

Harmonies

Analogous

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



11.2667, 11.9563, 13.7135



11.3988, 11.9563, 13.7636



11.5226, 11.9563, 13.6110

Triad

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



11.3988, 11.9563, 13.7636



11.5692, 11.9563, 12.5719



11.1273, 11.9563, 12.7406

Complementary

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



11.3988, 11.9563, 13.7636



11.8287, 12.4773, 12.8514

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.



11.2071, 11.9563, 12.4433



11.3988, 11.9563, 13.7636



11.4621, 11.9563, 12.3472

Square

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



11.3988, 11.9563, 13.7636



11.6214, 11.9563, 12.9194



11.3295, 11.9563, 12.3006



11.1106, 11.9563, 13.1179

Rectangle

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



11.3988, 11.9563, 13.7636



11.5834, 11.9563, 13.4165



11.3295, 11.9563, 12.3006



11.1476, 11.9563, 12.6282

Sweetspot

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



11.3991, 11.9568, 13.7639



20.9081, 21.9809, 24.2775



11.6301, 12.5009, 13.5878



5.1514, 5.4160, 5.9746



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.



11.3991, 11.9568, 13.7639



19.6355, 20.5765, 24.0734



11.4059, 11.8237, 13.7378



2.8997, 3.0381, 3.5655



3.5133, 2.0984, 16.3642



17.7167, 9.7301, 85.1457

Inverse Universe

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



11.5963, 11.9383, 13.0030



20.0776, 20.5371, 22.3671



11.8215, 12.6155, 12.8784



2.9679, 3.0321, 3.3022



7.2560, 3.7154, 1.4807



37.5377, 19.2551, 6.1090

Previews

White Background



This preview shows how the XYZ color 11.3988, 11.9563, 13.7636 looks on a white background.

Color Contrast Check

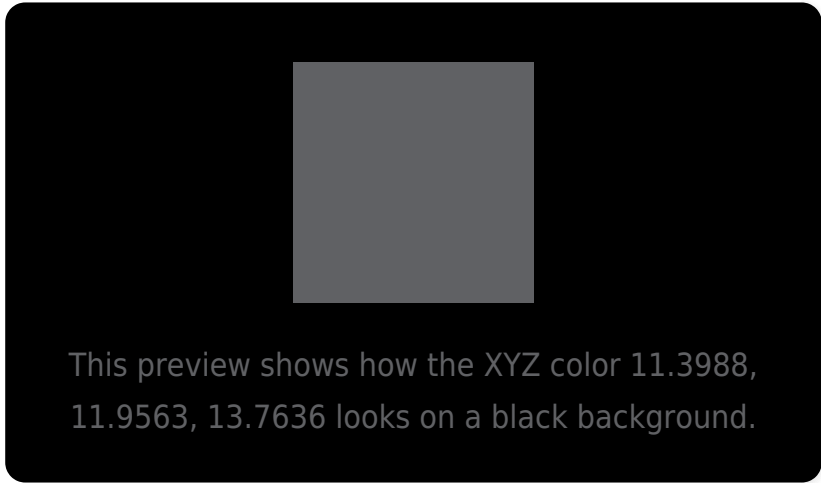
Large Text (above 18pt) WCAG AA ✓ Pass

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

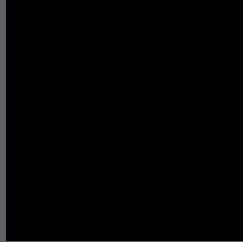
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

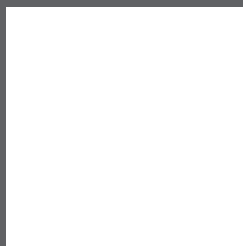
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3988, 11.9563, 13.7636

Background



This preview shows how black text looks on a background with the XYZ color 11.3988, 11.9563, 13.7636.



This preview shows how white text looks on a background with the XYZ color 11.3988, 11.9563,

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

11.3988, 11.9563, 13.7636

Protanopia

11.5201, 11.8825, 13.7430

Deuteranopia

12.1774, 11.9483, 13.9763



Tritanopia

11.6113, 11.9066, 14.7829

Trichromacy

**Original Color**

11.3988, 11.9563, 13.7636

Protanomaly

11.4129, 11.8272, 13.7380

Deuteranomaly

11.9207, 11.9488, 13.9900

Tritanomaly

11.5608, 11.8864, 14.5169

Monochromacy

**Original Color**

11.3988, 11.9563, 13.7636

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4091, 11.9726, 13.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3988, 11.9563, 13.7636 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(96, 97, 100) looks like.

```
.text, #text, p{  
  color:rgb(96, 97, 100)  
}
```

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(96, 97, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 97, 100) }
```

Border

The CSS property to change the border of an element to XYZ 11.3988, 11.9563, 13.7636 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(96, 97, 100) }
```


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

```
.border{ border-color:rgb(96, 97, 100) }
```

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

Here you see how a box with a 4 pixel rgb(96, 97, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 97, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 97, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 97,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3988, 11.9563, 13.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 97, 100) }
```

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

```
.background{ background-color: rgb(96, 97,  
100) }
```

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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