

Converting Colors

XYZ(6.3801, 11.0651, 3.1756)

Have a look what the booklet for
XYZ(6.3801, 11.0651, 3.1756)
contains.

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Color

**XYZ(6.3935, 11.0708,
3.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	286B20
RGB	40, 107, 32
RGB Percent	16%, 42%, 13%
CMY	0.8431, 0.5804, 0.8745
CMYK	0.63, 0.00, 0.70, 0.58
HSL	114°, 54%, 27%
HSV	114°, 70%, 42%
XYZ	6.3935, 11.0708, 3.1664
YIQ	78.4170, -15.8570, -37.5290

Conversions

Conversions Part 2

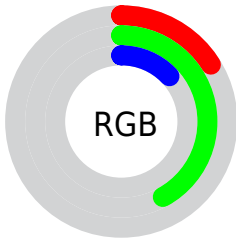
Format	Color
R _Y B	32, 107, 99
Decimal	2648864
CIE Lab	39.70, -36.74, 34.53
CIE LCh	40, 50.418, 136.774
Yxy	11.0708, 0.3099, 0.5366
Android (android.graphics.Color)	4280838944 (0xFF286B20)
YUV	78.4170, -22.8836, -33.6917
Hunter-Lab	33.2728, -23.9280, 17.6486

Details

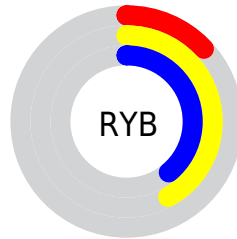
The XYZ color **6.3935, 11.0708, 3.1664** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **8.3165, 4.7476, 14.3886**, and the grayscale version is **7.3651, 7.7487, 8.4383**.

A 20% lighter version of the original color is **18.4622, 27.7551, 11.9736**, and **1.5131, 3.0261, 0.5044** is the 20% darker color. If you saturate the color by 10%, you get **5.9445, 10.8538, 2.5059**, and if you desaturate by 10%, it is **6.9823, 11.3551, 4.0807**.

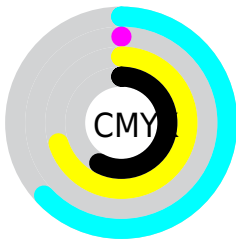
Distribution



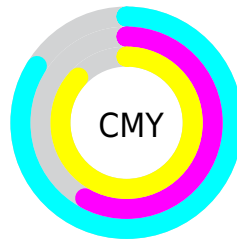
- Red (16%)
- Green (42%)
- Blue (13%)



- Red (13%)
- Yellow (42%)
- Blue (39%)



- Cyan (63%)
- Magenta (0%)
- Yellow (70%)
- Black (58%)



- Cyan (84%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.3935, 11.0708, 3.1664 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 6.3935, 11.0708, 3.1664 by changing the saturation by 10% instead.

■ 6.3935, 11.0708,
3.1664

■ 6.3935, 11.0708,
3.1664

157.1819,
198.1526, 138.4525

■ 3.1287, 6.1145,
1.1802

■ 18.4593, 27.7910,
12.0364

■ 1.2222, 2.9148,
0.0000

■ 27.9910, 40.3237,
19.7572

■ 0.1238, 1.0874,
0.0000

■ 40.3423, 56.1506,
30.2267

■ 0.0000, 0.0000,
0.0000

■ 55.8788, 75.6562,
43.8633

■ 74.9656, 99.2248,
61.0857

■ 97.9681, 127.2408,

82.3123

125.2518,
160.0886, 107.9618

6.3935, 11.0708,
3.1664

6.3935, 11.0708,
3.1664

5.9445, 10.8538,
2.5059

6.9823, 11.3551,
4.0807

5.6228, 10.6972,
2.0731

7.7205, 11.7100,
5.2703

5.4014, 10.5898,
1.7594

8.6177, 12.1406,
6.7550

9.6825, 12.6509,
8.5529

10.9229, 13.2445,
10.6803

■ 12.3463, 13.9251,
13.1526

■ 13.9598, 14.6958,
15.9842

■ 15.7700, 15.5600,
19.1886

■ 17.7832, 16.5205,
22.7787

Harmonies

Analogous

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



8.7229, 11.0708, 1.4828



6.3935, 11.0708, 3.1664



5.2985, 11.0708, 8.2113

Triad

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



6.3935, 11.0708, 3.1664



9.0774, 11.0708, 41.5910



18.2313, 11.0708, 7.3633

Complementary

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



6.3935, 11.0708, 3.1664



8.3165, 4.7476, 14.3886

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.



18.3850, 11.0708, 16.9407



6.3935, 11.0708, 3.1664



12.5539, 11.0708, 40.9002

Square

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



6.3935, 11.0708, 3.1664



6.6040, 11.0708, 31.8551



16.1297, 11.0708, 30.2927



15.7470, 11.0708, 2.8376

Rectangle

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



6.3935, 11.0708, 3.1664



5.2169, 11.0708, 14.4351



16.1297, 11.0708, 30.2927



18.5736, 11.0708, 9.9507

Sweetspot

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



6.3938, 11.0713, 3.1666



19.2042, 23.5458, 18.5132



10.7157, 12.0129, 3.1206



4.5346, 5.6448, 4.2854



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



6.3938, 11.0713, 3.1666



10.2570, 19.2463, 3.9558



6.6893, 11.1572, 6.1810



3.0912, 3.4588, 3.3221



6.5551, 12.8745, 2.1395



33.0207, 65.4049, 10.8840

Inverse Universe

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



8.3165, 4.7476, 14.3886



13.9024, 7.0565, 25.5370



7.9644, 4.7128, 7.7451



3.1874, 3.1483, 3.8746



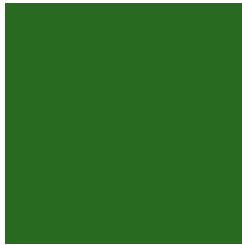
9.0297, 4.2820, 17.2728



45.5720, 21.5928, 87.9921

Previews

White Background



This preview shows how the XYZ color 6.3935, 11.0708, 3.1664 looks on a white background.

Color Contrast Check

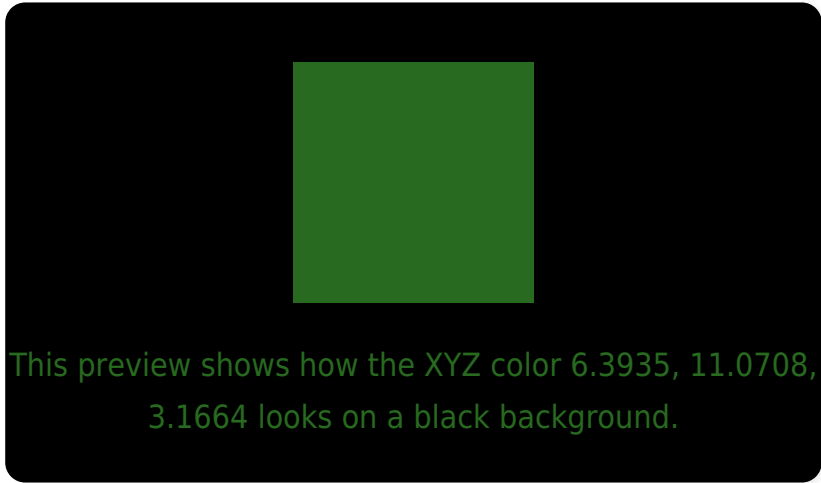
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.3935, 11.0708, 3.1664

Background



This preview shows how black text looks on a background with the XYZ color 6.3935, 11.0708, 3.1664.



This preview shows how white text looks on a background with the XYZ color 6.3935, 11.0708,

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

6.3935, 11.0708, 3.1664

Protanopia

9.8329, 10.8556, 2.6757

Deuteranopia

11.1410, 11.0042, 3.4563



Tritanopia

8.9513, 11.0669, 15.8517

Trichromacy



Original Color

6.3935, 11.0708, 3.1664

Protanomaly

7.9828, 10.5734, 2.7825

Deuteranomaly

8.5258, 10.5678, 3.2595

Tritanomaly

7.6635, 10.9835, 9.3055

Monochromacy



Original Color

6.3935, 11.0708, 3.1664

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

6.5290, 8.5717, 5.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.3935, 11.0708, 3.1664 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(40, 107, 32)` looks like.

```
.text, #text, p{  
    color:rgb(40, 107, 32)  
}
```

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(40, 107, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 107, 32) }
```

Border

The CSS property to change the border of an element to XYZ 6.3935, 11.0708, 3.1664 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(40, 107, 32) }
```


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

```
.border{ border-color:rgb(40, 107, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 107, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 107, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 107, 32);  
box-shadow:4px 4px 4px 4px rgb(40, 107,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 6.3935, 11.0708, 3.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 107, 32) }
```

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

```
.background{ background-color: rgb(40, 107,  
32) }
```

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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