

Converting Colors

XYZ(32.7510, 65.3504, 11.0454)

Have a look what the booklet for
XYZ(32.7510, 65.3504, 11.0454)
contains.

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Color

**XYZ(32.7604, 65.3567,
11.0608)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 06F506 |
| RGB | 6, 245, 6 |
| RGB Percent | 2%, 96%, 2% |
| CMY | 0.9765, 0.0392, 0.9763 |
| CMYK | 0.98, 0.00, 0.98, 0.04 |
| HSL | 120°, 95%, 49% |
| HSV | 120°, 98%, 96% |
| XYZ | 32.7604, 65.3567, 11.0608 |
| YIQ | 146.2930, -65.7250, -124.9970 |

Conversions

Conversions Part 2

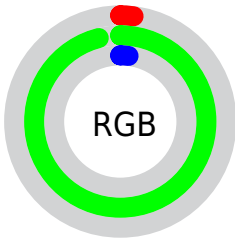
| Format | Color |
|-------------------------------------|--|
| RYB | 6, 245, 245 |
| Decimal | 455942 |
| CIELab | 84.67, -83.34, 80.24 |
| CIELCh | 85, 115.694, 136.084 |
| Yxy | 65.3567, 0.3001, 0.5986 |
| Android (android.graphics.Color) | 4278646022 (0xFF06F506) |
| YUV | 146.2930, -69.1644, -123.0370 |
| Hunter-Lab | 80.8435, -69.1421, 48.4785 |

Details

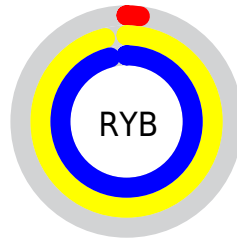
The XYZ color **32.7604, 65.3567, 11.0608** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **54.1992, 26.1341, 88.5475**, and the grayscale version is **27.7397, 29.1843, 31.7817**.

A 20% lighter version of the original color is **45.1630, 76.1443, 22.4422**, and **17.7703, 35.5406, 5.9234** is the 20% darker color. If you saturate the color by 10%, you get **32.6539, 65.3075, 10.8857**, and if you desaturate by 10%, it is **33.4451, 65.6876, 12.1806**.

Distribution



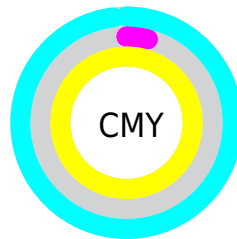
- Red (2%)
- Green (96%)
- Blue (2%)



- Red (2%)
- Yellow (96%)
- Blue (96%)



- Cyan (98%)
- Magenta (0%)
- Yellow (98%)
- Black (4%)





- Cyan (98%)
- Magenta (4%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7604, 65.3567, 11.0608 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 32.7604, 65.3567, 11.0608 by changing the saturation by 10% instead.


 32.7604, 65.3567,
11.0608


 32.7604, 65.3567,
11.0608


306.2528,
444.0727, 208.8366


 22.1013, 47.7504,
5.9931


 63.3585, 112.5625,
28.4109

 14.0484, 33.6292,
2.7721


 84.0281, 142.9308,
41.5304


 8.2363, 22.6089,
0.9795


 108.7654,
178.3219, 58.1708


 4.2996, 14.3050,
0.0000

 137.9356,
219.1201, 78.7507

 1.8730, 8.3331,
0.0000

 171.9041,
265.7099, 103.6888

 0.5611, 4.3088,
0.0000

 211.0362,

 0.0000, 1.8478,

318.4757, 133.4034

0.0000

255.6973,
377.8018, 168.3131

■ 0.0000, 0.5167,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.7604, 65.3567,
11.0608

■ 32.7604, 65.3567,
11.0608

■ 32.6539, 65.3075,
10.8857

■ 33.4451, 65.6876,
12.1806

■ 34.9197, 66.3958,
14.5935

■ 37.3506, 67.5635,
18.5707

■ 40.8628, 69.2506,
24.3161

■ 45.5622, 71.5080,
32.0032

■ 51.5423, 74.3805,
41.7847

■ 58.8871, 77.9086,
53.7981

■ 67.6737, 82.1293,
68.1693

■ 77.9732, 87.0767,
85.0146

Harmonies

Analogous

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



49.3450, 65.3567, 3.3068



32.7604, 65.3567, 11.0608



25.2945, 65.3567, 42.1322

Triad

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



32.7604, 65.3567, 11.0608



50.9197, 65.3567, 317.9364



123.1394, 65.3567, 38.5691

Complementary

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



32.7604, 65.3567, 11.0608



54.1992, 26.1341, 88.5475

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.



123.9092, 65.3567, 111.1648



32.7604, 65.3567, 11.0608



76.9280, 65.3567, 314.1696

Square

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



32.7604, 65.3567, 11.0608



33.6362, 65.3567, 230.7757



105.2287, 65.3567, 222.5310



103.3501, 65.3567, 9.9958

Rectangle

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



32.7604, 65.3567, 11.0608



24.6527, 65.3567, 87.3366



105.2287, 65.3567, 222.5310



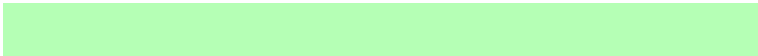
125.7859, 65.3567, 57.1194

Sweetspot

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



32.7619, 65.3594, 11.0623



63.1746, 84.6885, 56.7661



70.3443, 84.7339, 12.8200



12.7671, 17.7643, 10.9157



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.7619, 65.3594, 11.0623



35.7602, 71.5201, 11.9212



36.4627, 66.8397, 30.5503



16.2824, 18.4721, 17.5054



17.5907, 35.1811, 5.8643



1.5461, 3.0921, 0.5156

Inverse Universe

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



54.1992, 26.1341, 88.5475



59.2836, 28.4774, 96.9462



41.4567, 21.0371, 21.4462



17.2136, 16.7683, 20.8713



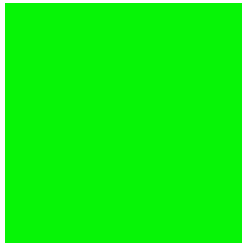
29.1619, 14.0082, 47.6886



2.5631, 1.2312, 4.1916

Previews

White Background



This preview shows how the XYZ color 32.7604, 65.3567, 11.0608 looks on a white background.

Color Contrast Check

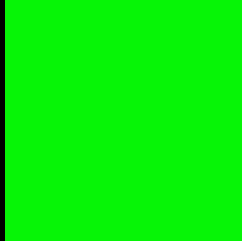
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.7604, 65.3567, 11.0608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

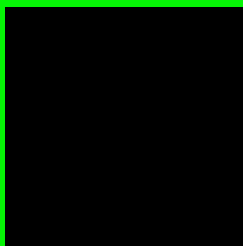
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

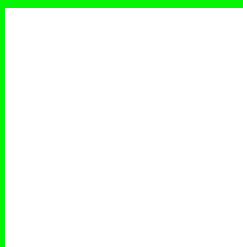
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7604, 65.3567, 11.0608

Background



This preview shows how black text looks on a background with the XYZ color 32.7604, 65.3567, 11.0608.



This preview shows how white text looks on a background with the XYZ color 32.7604, 65.3567,

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

32.7604, 65.3567, 11.0608

Protanopia

57.6387, 63.9261, 9.3011

Deuteranopia

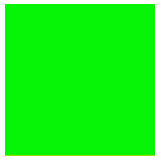
64.2925, 63.5279, 21.4439



Tritanopia

49.9715, 65.0242, 97.1059

Trichromacy



Original Color

32.7604, 65.3567, 11.0608



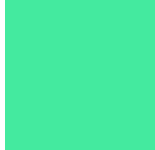
Protanomaly

39.3475, 59.4551, 9.4596



Deuteranomaly

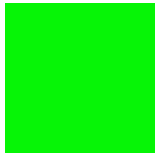
40.8788, 57.4095, 14.2368



Tritanomaly

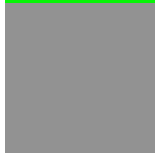
38.0647, 62.5778, 42.8734

Monochromacy



Original Color

32.7604, 65.3567, 11.0608



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

23.5128, 36.7150, 16.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7604, 65.3567, 11.0608 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(6, 245, 6)` looks like.

```
.text, #text, p{  
    color:rgb(6, 245, 6)  
}
```

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(6, 245, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 245, 6) }
```

Border

The CSS property to change the border of an element to XYZ 32.7604, 65.3567, 11.0608 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(6, 245, 6) }
```


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

```
.border{ border-color:rgb(6, 245, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 245, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 245, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 245, 6); box-shadow:4px  
4px 4px 4px rgb(6, 245, 6) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7604, 65.3567, 11.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 245, 6) }
```

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

```
.background{ background-color: rgb(6, 245,  
6) }
```

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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