

Converting Colors

XYZ(11.2198, 14.1953, 1.8624)

Have a look what the booklet for
XYZ(11.2198, 14.1953, 1.8624)
contains.

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Color

**XYZ(11.2780, 14.2524,
2.1566)**

Conversions

Conversions Part 1

Format	Color
Hex	676F00
RGB	103, 111, 0
RGB Percent	40%, 44%, 0%
CMY	0.5961, 0.5647, 1.0000
CMYK	0.07, 0.00, 1.00, 0.56
HSL	64°, 100%, 22%
HSV	64°, 100%, 44%
XYZ	11.2780, 14.2524, 2.1566
YIQ	95.9540, 30.8630, -36.2170

Conversions

Conversions Part 2

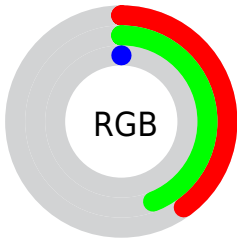
Format	Color
RYB	0, 111, 8
Decimal	6778624
CIELab	44.59, -15.48, 50.36
CIELCh	45, 52.682, 107.085
Yxy	14.2524, 0.4073, 0.5148
Android (android.graphics.Color)	4284968704 (0xFF676F00)
YUV	95.9540, -47.3053, 6.1793
Hunter-Lab	37.7524, -12.7422, 23.0397

Details

The XYZ color **11.2780, 14.2524, 2.1566** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9697, 1.1996, 15.1147**, and the grayscale version is **11.2135, 11.7975, 12.8474**.

A 20% lighter version of the original color is **27.6673, 33.3457, 9.3930**, and **3.2496, 4.3969, 0.6774** is the 20% darker color. If you saturate the color by 10%, you get **11.2782, 14.2530, 2.1567**, and if you desaturate by 10%, it is **11.4316, 14.3250, 2.4824**.

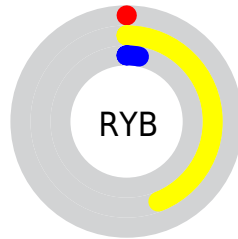
Distribution



Red (40%)

Green (44%)

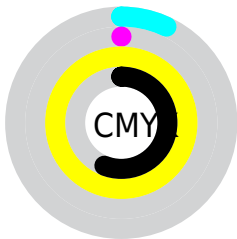
Blue (0%)



Red (0%)

Yellow (44%)

Blue (3%)

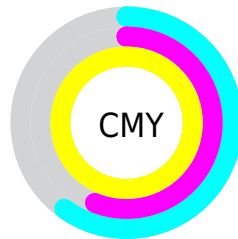


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2780, 14.2524, 2.1566 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 11.2780, 14.2524, 2.1566 by changing the saturation by 10% instead.

■ 11.2780, 14.2524,
2.1566

■ 11.2780, 14.2524,
2.1566

■ 193.4342,
218.7954, 124.7629

■ 6.3228, 8.2964,
0.6492

■ 27.8015, 33.5362,
9.4647

■ 3.0849, 4.2852,
0.0000

■ 40.1006, 47.6328,
16.1355

■ 1.1988, 1.8343,
0.0000

■ 55.5783, 65.2118,
25.3755

■ 0.1054, 0.5084,
0.0000

■ 74.6000, 86.6575,
37.6033


■ 0.0000, 0.0000,
0.0000


■ 97.5311, 112.3543,
53.2374


■ 124.7369,


142.6866, 72.6963


 156.5828,
178.0389, 96.3987


 11.2780, 14.2524,
2.1566


 11.2780, 14.2524,
2.1566


 11.2782, 14.2530,
2.1567

 11.4316, 14.3250,
2.4824

 11.6105, 14.4073,
2.9386

 11.8365, 14.5086,
3.6382

 12.1149, 14.6309,
4.6088

 12.4502, 14.7761,
5.8746

■ 12.8464, 14.9458,
7.4566

■ 13.3073, 15.1414,
9.3744

■ 13.8362, 15.3643,
11.6457

■ 14.4363, 15.6158,
14.2870

Harmonies

Analogous

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



15.4625, 14.2524, 2.0401



11.2780, 14.2524, 2.1566



8.3861, 14.2524, 4.3935

Triad

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



11.2780, 14.2524, 2.1566



8.6963, 14.2524, 39.8440



23.2105, 14.2524, 21.3791

Complementary

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



11.2780, 14.2524, 2.1566



2.9697, 1.1996, 15.1147

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.



20.4806, 14.2524, 37.6214



11.2780, 14.2524, 2.1566



11.7957, 14.2524, 51.4920

Square

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



11.2780, 14.2524, 2.1566



7.1245, 14.2524, 23.4882



16.1004, 14.2524, 50.5145



22.9901, 14.2524, 9.5924

Rectangle

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



11.2780, 14.2524, 2.1566



7.3119, 14.2524, 8.0548



16.1004, 14.2524, 50.5145



22.5868, 14.2524, 26.5717

Sweetspot

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



11.2783, 14.2531, 2.1569



23.7554, 27.0812, 16.4793



6.6363, 3.5405, 0.3338



5.6399, 6.4777, 3.6772



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.2783, 14.2531, 2.1569



20.1499, 25.4981, 3.8596



6.9087, 12.0004, 1.9524



3.6193, 3.9046, 3.6362



13.2804, 16.7900, 2.5408



65.8462, 83.4790, 12.6426

Inverse Universe

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



2.9697, 1.1996, 15.1147



5.2691, 2.1228, 27.0618



4.9133, 2.2015, 15.2057



3.2379, 3.3109, 4.2226



3.4892, 1.4082, 17.8095



17.0889, 6.8640, 88.7033

Previews

White Background



This preview shows how the XYZ color 11.2780, 14.2524, 2.1566 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



This preview shows how the XYZ color 11.2780, 14.2524, 2.1566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

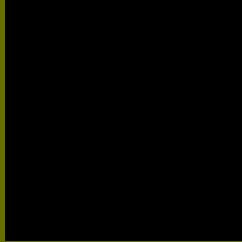
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2780, 14.2524, 2.1566

Background



This preview shows how black text looks on a background with the XYZ color 11.2780, 14.2524, 2.1566.



This preview shows how white text looks on a background with the XYZ color 11.2780, 14.2524,

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

11.2780, 14.2524, 2.1566

Protanopia

12.7618, 14.2300, 2.0740

Deuteranopia

14.3392, 14.1446, 2.5467



Tritanopia

14.2750, 14.2277, 17.0328

Trichromacy



Original Color

11.2780, 14.2524, 2.1566

Protanomaly

12.1726, 14.2358, 2.1062

Deuteranomaly

13.0368, 14.0624, 2.3438

Tritanomaly

12.4757, 13.9511, 7.9965

Monochromacy



Original Color

11.2780, 14.2524, 2.1566

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.6416, 12.2969, 6.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2780, 14.2524, 2.1566 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(103, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(103, 111, 0)  
}
```

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(103, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 111, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.2780, 14.2524, 2.1566 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(103, 111, 0) }
```


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

```
.border{ border-color:rgb(103, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(103, 111,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2780, 14.2524, 2.1566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 111, 0) }
```

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

```
.background{ background-color: rgb(103,  
111, 0) }
```

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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