

Converting Colors

XYZ(11.1760, 14.3482, 2.8423)

Have a look what the booklet for
XYZ(11.1760, 14.3482, 2.8423)
contains.

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Color

**XYZ(11.1760, 14.3482,
2.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	647014
RGB	100, 112, 20
RGB Percent	39%, 44%, 8%
CMY	0.6078, 0.5608, 0.9215
CMYK	0.11, 0.00, 0.82, 0.56
HSL	68°, 70%, 26%
HSV	68°, 82%, 44%
XYZ	11.1760, 14.3482, 2.8423
YIQ	97.9240, 22.3800, -31.1560

Conversions

Conversions Part 2

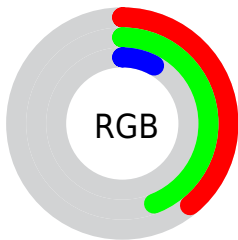
Format	Color
R_{YB}	20, 112, 32
Decimal	6582292
CIE Lab	44.73, -16.80, 45.37
CIE LCh	45, 48.387, 110.322
Yxy	14.3482, 0.3940, 0.5058
Android (android.graphics.Color)	4284772372 (0xFF647014)
YUV	97.9240, -38.4165, 1.8207
Hunter-Lab	37.8790, -13.6228, 22.0664

Details

The XYZ color **11.1760, 14.3482, 2.8423** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7710, 1.9776, 15.5131**, and the grayscale version is **11.6796, 12.2879, 13.3815**.

A 20% lighter version of the original color is **27.5820, 33.7911, 11.1995**, and **3.1488, 4.3449, 0.6727** is the 20% darker color. If you saturate the color by 10%, you get **10.9381, 14.2350, 2.4240**, and if you desaturate by 10%, it is **11.4632, 14.4824, 3.5018**.

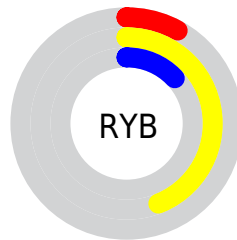
Distribution



Red (39%)

Green (44%)

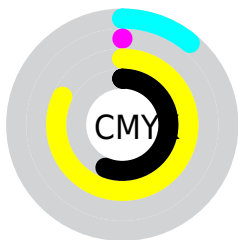
Blue (8%)



Red (8%)

Yellow (44%)

Blue (13%)

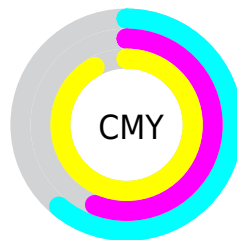


Cyan (11%)

Magenta (0%)

Yellow (82%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1760, 14.3482, 2.8423 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 11.1760, 14.3482, 2.8423 by changing the saturation by 10% instead.

■ 11.1760, 14.3482,
2.8423

■ 11.1760, 14.3482,
2.8423

192.7545,
219.3864, 134.3260

■ 6.2535, 8.3632,
1.0147

■ 27.6152, 33.7056,
11.2368

■ 3.0420, 4.3282,
0.0000

■ 39.8627, 47.8468,
18.6407

■ 1.1760, 1.8588,
0.0000

■ 55.2825, 65.4756,
28.7405

■ 0.0873, 0.5234,
0.0000


■ 74.2401, 86.9763,
41.9546


■ 0.0000, 0.0000,
0.0000


■ 97.1007, 112.7333,
58.7017


■ 124.2297,


143.1311, 79.4003


 155.9925,
178.5540, 104.4689


 11.1760, 14.3482,
2.8423


 11.1760, 14.3482,
2.8423


 10.9381, 14.2350,
2.4240


 11.4632, 14.4824,
3.5018

 10.7659, 14.1519,
2.1642

 11.8044, 14.6381,
4.4320

 12.2047, 14.8177,
5.6585

 12.6685, 15.0231,
7.2037

 13.1996, 15.2557,
9.0876

■ 13.8014, 15.5170,
11.3288

■ 14.4773, 15.8083,
13.9446

■ 15.2304, 16.1307,
16.9508

■ 16.0635, 16.4856,
20.3628

Harmonies

Analogous

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



14.9488, 14.3482, 2.5213



11.1760, 14.3482, 2.8423



8.6057, 14.3482, 5.4730

Triad

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



11.1760, 14.3482, 2.8423



9.3564, 14.3482, 38.9248



22.5337, 14.3482, 19.5540

Complementary

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



11.1760, 14.3482, 2.8423



3.7710, 1.9776, 15.5131

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.



20.3256, 14.3482, 33.9330



11.1760, 14.3482, 2.8423



12.4053, 14.3482, 48.1772

Square

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



11.1760, 14.3482, 2.8423



7.7038, 14.3482, 24.4169



16.4363, 14.3482, 46.0073



22.0300, 14.3482, 9.2432

Rectangle

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



11.1760, 14.3482, 2.8423



7.6840, 14.3482, 9.4055



16.4363, 14.3482, 46.0073



22.0700, 14.3482, 24.1099

Sweetspot

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



11.1763, 14.3489, 2.8426



23.8581, 27.0908, 18.4431



7.2920, 4.4618, 1.1389



5.6626, 6.4784, 4.1731



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.



11.1763, 14.3489, 2.8426



18.8762, 24.8406, 3.8416



7.5112, 12.4594, 2.6711



3.6012, 3.8952, 3.6354



12.4321, 16.3527, 2.5011



61.4150, 81.1946, 12.4352

Inverse Universe

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



3.7710, 1.9776, 15.5131



5.4468, 2.2378, 27.0746



6.2144, 3.2373, 15.6274



3.2544, 3.3194, 4.2234



3.5886, 1.4594, 17.8142



17.4467, 7.0485, 88.7201

Previews

White Background



This preview shows how the XYZ color 11.1760, 14.3482, 2.8423 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 11.1760, 14.3482, 2.8423 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 11.1760, 14.3482, 2.8423

Background



This preview shows how black text looks on a background with the XYZ color 11.1760, 14.3482, 2.8423.



This preview shows how white text looks on a background with the XYZ color 11.1760, 14.3482,

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

11.1760, 14.3482, 2.8423

Protanopia

12.8710, 14.2737, 2.6490

Deuteranopia

14.4279, 14.1800, 3.0135



Tritanopia

14.0593, 14.2586, 17.3404

Trichromacy



Original Color

11.1760, 14.3482, 2.8423

Protanomaly

12.1622, 14.2169, 2.7192

Deuteranomaly

13.0003, 14.0315, 2.8873

Tritanomaly

12.4947, 14.0832, 9.4569

Monochromacy



Original Color

11.1760, 14.3482, 2.8423

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.1013, 12.7953, 7.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1760, 14.3482, 2.8423 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(100, 112, 20)` looks like.

```
.text, #text, p{  
    color:rgb(100, 112, 20)  
}
```

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(100, 112, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 112, 20) }
```

Border

The CSS property to change the border of an element to XYZ 11.1760, 14.3482, 2.8423 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(100, 112, 20) }
```


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

```
.border{ border-color:rgb(100, 112, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 112, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 112, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 112, 20);  
box-shadow:4px 4px 4px 4px rgb(100, 112,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1760, 14.3482, 2.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 112, 20) }
```

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

```
.background{ background-color: rgb(100,  
112, 20) }
```

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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