

Converting Colors

XYZ(14.7288, 16.3496, 2.7623)

Have a look what the booklet for
XYZ(14.7288, 16.3496, 2.7623)
contains.

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Color

**XYZ(14.7302, 16.3513,
2.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	7F710D
RGB	127, 113, 13
RGB Percent	50%, 44%, 5%
CMY	0.5020, 0.5568, 0.9490
CMYK	0.00, 0.11, 0.90, 0.50
HSL	53°, 81%, 27%
HSV	53°, 90%, 50%
XYZ	14.7302, 16.3513, 2.7605
YIQ	105.7860, 40.4440, -28.1320

Conversions

Conversions Part 2

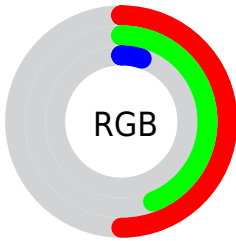
Format	Color
RYB	29, 127, 13
Decimal	8352013
CIELab	47.43, -4.84, 50.61
CIELCh	47, 50.842, 95.465
Yxy	16.3513, 0.4353, 0.4832
Android (android.graphics.Color)	4286542093 (0xFF7F710D)
YUV	105.7860, -45.7435, 18.6047
Hunter-Lab	40.4367, -5.7407, 24.2582

Details

The XYZ color **14.7302, 16.3513, 2.7605** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.3888, 2.4019, 20.3110**, and the grayscale version is **13.7549, 14.4713, 15.7592**.

A 20% lighter version of the original color is **33.8781, 37.0479, 10.9956**, and **4.7723, 5.3523, 0.7816** is the 20% darker color. If you saturate the color by 10%, you get **14.4871, 15.9787, 2.3294**, and if you desaturate by 10%, it is **15.0165, 16.7472, 3.4012**.

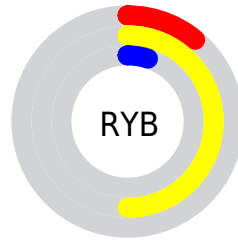
Distribution



Red (50%)

Green (44%)

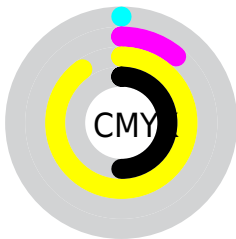
Blue (5%)



Red (11%)

Yellow (50%)

Blue (5%)

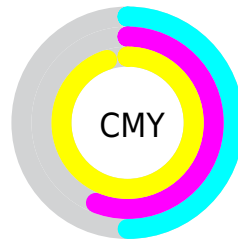


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7302, 16.3513, 2.7605 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 14.7302, 16.3513, 2.7605 by changing the saturation by 10% instead.

■ 14.7302, 16.3513,
2.7605

■ 14.7302, 16.3513,
2.7605

215.1482,
231.4058, 133.2493

■ 8.7153, 9.7731,
0.9737

■ 33.9547, 37.2070,
11.0315

■ 4.6116, 5.2488,
0.0000

■ 47.8951, 52.2533,
18.3528

■ 2.0536, 2.3940,
0.0000

■ 65.2080, 70.8911,
28.3560

■ 0.6638, 0.8228,
0.0000

■ 86.2588, 93.5047,
41.4596

■ 0.0000, 0.0000,
0.0000

■ 111.4129,
120.4786, 58.0822

■ 141.0356,

152.1971, 78.6423

175.4923,
189.0448, 103.5585

14.7302, 16.3513,
2.7605

14.7302, 16.3513,
2.7605

14.4871, 15.9787,
2.3294

15.0165, 16.7472,
3.4012

14.4813, 15.9698,
2.3192

15.3683, 17.1735,
4.3730

15.7932, 17.6339,
5.7154

16.2978, 18.1310,
7.4621

16.8876, 18.6671,
9.6430

■ 17.5679, 19.2442,
12.2850

■ 18.3434, 19.8644,
15.4131

■ 19.2185, 20.5293,
19.0504

■ 20.1973, 21.2407,
23.2185

Harmonies

Analogous

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



19.4267, 16.3513, 3.4217



14.7302, 16.3513, 2.7605



11.0342, 16.3513, 4.2713

Triad

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



14.7302, 16.3513, 2.7605



9.4955, 16.3513, 36.4458



24.8381, 16.3513, 30.2328

Complementary

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



14.7302, 16.3513, 2.7605



4.3888, 2.4019, 20.3110

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.



21.1341, 16.3513, 46.6508



14.7302, 16.3513, 2.7605



12.2121, 16.3513, 51.2915

Square

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



14.7302, 16.3513, 2.7605



8.4099, 16.3513, 20.2750



16.3819, 16.3513, 55.7240



25.8682, 16.3513, 15.5420

Rectangle

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



14.7302, 16.3513, 2.7605



9.4375, 16.3513, 7.1113



16.3819, 16.3513, 55.7240



23.8336, 16.3513, 35.9158

Sweetspot

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



14.7306, 16.3521, 2.7608



31.7396, 34.6906, 23.1114



9.1084, 4.8848, 1.5743



7.3445, 8.0510, 5.0669



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7306, 16.3521, 2.7608



25.8599, 28.4528, 4.1290



11.4267, 17.1486, 3.0887



4.6217, 4.9322, 4.6285



14.6041, 16.1047, 2.3388



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.3888, 2.4019, 20.3110



7.1164, 3.2568, 36.2098



5.5395, 2.6270, 20.2938



4.1481, 4.2903, 5.4228



4.0437, 1.9058, 20.4047



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7302, 16.3513, 2.7605 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 14.7302, 16.3513, 2.7605 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 14.7302, 16.3513, 2.7605

Background



This preview shows how black text looks on a background with the XYZ color 14.7302, 16.3513, 2.7605.



This preview shows how white text looks on a background with the XYZ color 14.7302, 16.3513,

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

14.7302, 16.3513, 2.7605

Protanopia

14.7302, 16.3513, 2.7605

Deuteranopia

16.5306, 16.3132, 2.8936



Tritanopia

17.8637, 16.3637, 17.8398

Trichromacy



Original Color

14.7302, 16.3513, 2.7605

Protanomaly

14.7302, 16.3513, 2.7605

Deuteranomaly

15.8863, 16.2961, 2.8385

Tritanomaly

16.0622, 16.0862, 9.2796

Monochromacy



Original Color

14.7302, 16.3513, 2.7605

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5778, 14.9826, 8.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7302, 16.3513, 2.7605 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(127, 113, 13)` looks like.

```
.text, #text, p{  
    color:rgb(127, 113, 13)  
}
```

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(127, 113, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 113, 13) }
```

Border

The CSS property to change the border of an element to XYZ 14.7302, 16.3513, 2.7605 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(127, 113, 13) }
```


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

```
.border{ border-color:rgb(127, 113, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 113, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 113, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 113, 13);  
box-shadow:4px 4px 4px 4px rgb(127, 113,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7302, 16.3513, 2.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 113, 13) }
```

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

```
.background{ background-color: rgb(127,  
113, 13) }
```

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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