

Converting Colors

XYZ(13.8980, 12.5285, 15.1797)

Have a look what the booklet for
XYZ(13.8980, 12.5285, 15.1797)
contains.

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Color

**XYZ(13.8482, 12.5258,
15.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	765C69
RGB	118, 92, 105
RGB Percent	46%, 36%, 41%
CMY	0.5373, 0.6392, 0.5882
CMYK	0.00, 0.22, 0.11, 0.54
HSL	330°, 12%, 41%
HSV	330°, 22%, 46%
XYZ	13.8482, 12.5258, 15.0524
YIQ	101.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

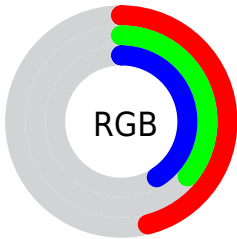
Format	Color
R_{YB}	118, 92, 105
Decimal	7756905
CIE _{Lab}	42.04, 12.93, -3.35
CIE _{LCh}	42, 13.354, 345.494
Yxy	12.5258, 0.3343, 0.3024
Android (android.graphics.Color)	4285946985 (0xFF765C69)
YUV	101.2560, 1.8458, 14.6845
Hunter-Lab	35.3918, 7.9083, -0.4422

Details

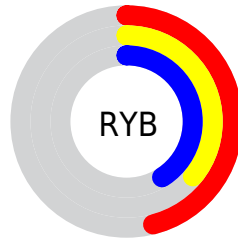
The XYZ color **13.8482, 12.5258, 15.0524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4424, 16.2525, 15.7941**, and the grayscale version is **12.4295, 13.0768, 14.2406**.

A 20% lighter version of the original color is **32.2513, 30.2923, 35.5997**, and **4.1950, 3.5247, 4.4622** is the 20% darker color. If you saturate the color by 10%, you get **12.6118, 10.5215, 13.1955**, and if you desaturate by 10%, it is **15.2656, 14.8582, 17.0737**.

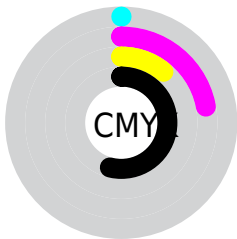
Distribution



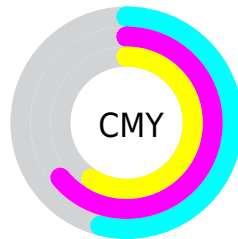
- Red (46%)
- Green (36%)
- Blue (41%)



- Red (46%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (54%)



- Cyan (54%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8482, 12.5258, 15.0524 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 13.8482, 12.5258, 15.0524 by changing the saturation by 10% instead.

■ 13.8482, 12.5258,
15.0524

■ 13.8482, 12.5258,
15.0524

209.8140,
207.8558, 235.3349

■ 8.0962, 7.1028,
8.7091

■ 32.4080, 30.4492,
35.6887

■ 4.2089, 3.5265,
4.4577

■ 45.9464, 43.7184,
50.8188

■ 1.8210, 1.4124,
1.8797

■ 62.8110, 60.3718,
69.7149

■ 0.5303, 0.2258,
0.4798

■ 83.3671, 80.7938,
92.7956

■ 0.0000, 0.0000,
0.0000

107.9801,
105.3689, 120.4794

137.0154,

134.4813, 153.1849

170.8382,
168.5154, 191.3305

■ 13.8482, 12.5258,
15.0524

■ 13.8482, 12.5258,
15.0524

■ 12.6118, 10.5215,
13.1955

■ 15.2656, 14.8582,
17.0737

■ 11.5475, 8.8286,
11.4977

■ 16.8703, 17.5308,
19.2632

■ 10.6474, 7.4318,
9.9542

■ 18.6694, 20.5574,
21.6254

■ 9.9024, 6.3134,
8.5597

■ 20.6695, 23.9502,
24.1643

■ 9.3023, 5.4543,
7.3086

■ 22.8768, 27.7213,
26.8840

■ 8.8360, 4.8325,
6.1948

■ 25.2972, 31.8817,
29.7881

■ 8.4902, 4.4224,
5.2113

■ 27.9364, 36.4423,
32.8805

■ 8.2606, 4.1673,
4.5058

■ 30.7998, 41.4135,
36.1646

■ 33.8928, 46.8053,
39.6439

Harmonies

Analogous

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



13.3175, 12.5258, 17.8352



13.8482, 12.5258, 15.0524



13.8388, 12.5258, 12.2312

Triad

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



13.8482, 12.5258, 15.0524



11.4033, 12.5258, 9.0243



10.6183, 12.5258, 17.9149

Complementary

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



13.8482, 12.5258, 15.0524



13.4424, 16.2525, 15.7941

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.



10.1610, 12.5258, 15.1497



13.8482, 12.5258, 15.0524



10.5968, 12.5258, 10.1578

Square

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



13.8482, 12.5258, 15.0524



12.3894, 12.5258, 9.0059



10.1534, 12.5258, 12.3160



11.4342, 12.5258, 19.6370

Rectangle

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



13.8482, 12.5258, 15.0524



13.5261, 12.5258, 10.7075



10.1534, 12.5258, 12.3160



10.4196, 12.5258, 17.0607

Sweetspot

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



13.8486, 12.5264, 15.0527



28.1703, 28.3316, 31.8534



12.9234, 11.9662, 18.7684



6.4516, 6.4720, 7.2892



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.8486, 12.5264, 15.0527



23.3077, 20.3281, 24.9246



13.2306, 12.2792, 11.7987



3.7532, 3.7286, 4.2271



8.9303, 4.5058, 4.8413



43.0861, 21.7846, 21.3146

Inverse Universe

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



13.8486, 12.5264, 15.0527



23.3077, 20.3281, 24.9246



14.1625, 16.5406, 19.5860



3.7532, 3.7286, 4.2271



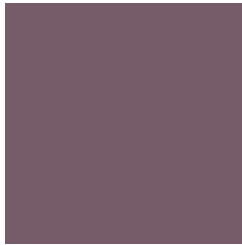
8.9303, 4.5058, 4.8413



43.0861, 21.7846, 21.3146

Previews

White Background



This preview shows how the XYZ color 13.8482, 12.5258, 15.0524 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 13.8482, 12.5258, 15.0524 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 13.8482, 12.5258, 15.0524

Background



This preview shows how black text looks on a background with the XYZ color 13.8482, 12.5258, 15.0524.



This preview shows how white text looks on a background with the XYZ color 13.8482, 12.5258,

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

13.8482, 12.5258, 15.0524

Protanopia

12.2592, 12.6245, 16.2586

Deuteranopia

12.7450, 12.4910, 14.8360



Tritanopia

13.5507, 12.5307, 13.7611

Trichromacy



Original Color

13.8482, 12.5258, 15.0524

Protanomaly

12.7153, 12.4517, 15.9206

Deuteranomaly

13.1464, 12.5634, 14.8288

Tritanomaly

13.6487, 12.5699, 14.2772

Monochromacy



Original Color

13.8482, 12.5258, 15.0524

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8294, 12.8205, 14.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8482, 12.5258, 15.0524 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(118, 92, 105)` looks like.

```
.text, #text, p{  
    color:rgb(118, 92, 105)  
}
```

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(118, 92, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 92, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.8482, 12.5258, 15.0524 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(118, 92, 105) }
```


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

```
.border{ border-color:rgb(118, 92, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 92, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 92, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 92, 105); box-shadow:4px 4px 4px 4px rgb(118, 92, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8482, 12.5258, 15.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 92, 105) }
```

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

```
.background{ background-color: rgb(118, 92,  
105) }
```

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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