

Converting Colors

XYZ(13.6467, 11.8583, 15.0269)

Have a look what the booklet for
XYZ(13.6467, 11.8583, 15.0269)
contains.

XYZ(13.6473, 11.9213, 14.9464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.6473, 11.9213,
14.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	775869
RGB	119, 88, 105
RGB Percent	47%, 35%, 41%
CMY	0.5333, 0.6549, 0.5882
CMYK	0.00, 0.26, 0.12, 0.53
HSL	327°, 15%, 41%
HSV	327°, 26%, 47%
XYZ	13.6473, 11.9213, 14.9464
YIQ	99.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

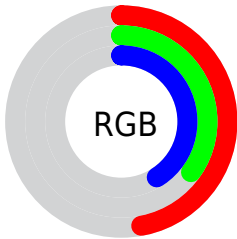
Format	Color
R_{YB}	119, 88, 105
Decimal	7821417
CIE _{Lab}	41.09, 15.74, -4.74
CIE _{LCh}	41, 16.439, 343.248
Yxy	11.9213, 0.3368, 0.2942
Android (android.graphics.Color)	4286011497 (0xFF775869)
YUV	99.2070, 2.8559, 17.3585
Hunter-Lab	34.5272, 10.1316, -1.4968

Details

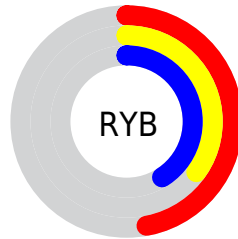
The XYZ color **13.6473, 11.9213, 14.9464** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0201, 16.2280, 15.0172**, and the grayscale version is **11.9029, 12.5228, 13.6373**.

A 20% lighter version of the original color is **32.1025, 29.3479, 35.4252**, and **4.1175, 3.2635, 4.4159** is the 20% darker color. If you saturate the color by 10%, you get **12.4816, 10.0179, 13.2378**, and if you desaturate by 10%, it is **14.9907, 14.1517, 16.8007**.

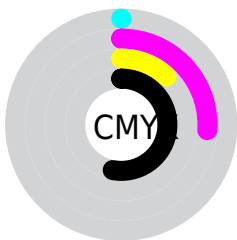
Distribution



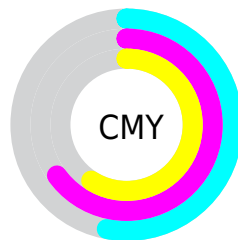
- Red (47%)
- Green (35%)
- Blue (41%)



- Red (47%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6473, 11.9213, 14.9464 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 13.6473, 11.9213, 14.9464 by changing the saturation by 10% instead.

■ 13.6473, 11.9213,
14.9464

■ 13.6473, 11.9213,
14.9464

208.5803,
203.8836, 234.6712

■ 7.9558, 6.6901,
8.6356

■ 32.0534, 29.3517,
35.5001

■ 4.1183, 3.2691,
4.4107

■ 45.4988, 42.3197,
50.5800

■ 1.7693, 1.2738,
1.8532

■ 62.2594, 58.6354,
69.4201

■ 0.4990, 0.1208,
0.4627

■ 82.7008, 78.6832,
92.4388

■ 0.0000, 0.0000,
0.0000

■ 107.1882,
102.8476, 120.0548

136.0871,

131.5128, 152.6864

169.7626,
165.0633, 190.7524

■ 13.6473, 11.9213,
14.9464

■ 13.6473, 11.9213,
14.9464

■ 12.4816, 10.0179,
13.2378

■ 14.9907, 14.1517,
16.8007

■ 11.4844, 8.4244,
11.6697

■ 16.5182, 16.7220,
18.8039

■ 10.6474, 7.1243,
10.2381

■ 18.2372, 19.6465,
20.9602

■ 9.9611, 6.0992,
8.9380

■ 20.1544, 22.9380,
23.2731

■ 9.4149, 5.3284,
7.7641

■ 22.2762, 26.6088,
25.7464

■ 8.9966, 4.7884,
6.7106

■ 24.6086, 30.6705,
28.3833

■ 8.6834, 4.4339,
5.7681

■ 27.1575, 35.1343,
31.1873

■ 8.5694, 4.3066,
5.4195

■ 29.9284, 40.0110,
34.1614

■ 32.9267, 45.3108,
37.3087

Harmonies

Analogous

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



12.9590, 11.9213, 18.3169



13.6473, 11.9213, 14.9464



13.6880, 11.9213, 11.5462

Triad

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



13.6473, 11.9213, 14.9464



10.8184, 11.9213, 7.6233



9.7560, 11.9213, 17.9654

Complementary

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



13.6473, 11.9213, 14.9464



13.0201, 16.2280, 15.0172

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.



9.2611, 11.9213, 14.5284



13.6473, 11.9213, 14.9464



9.8451, 11.9213, 8.7961

Square

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



13.6473, 11.9213, 14.9464



11.9980, 11.9213, 7.6957



9.2926, 11.9213, 11.1946



10.6889, 11.9213, 20.2566

Rectangle

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



13.6473, 11.9213, 14.9464



13.3380, 11.9213, 9.7312



9.2926, 11.9213, 11.1946



9.5359, 11.9213, 16.8822

Sweetspot

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



13.6476, 11.9218, 14.9466



28.9611, 28.8996, 32.8763



12.2938, 11.1338, 18.9541



6.7776, 6.7039, 7.6798



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.6476, 11.9218, 14.9466



23.2027, 19.3222, 24.9775



12.9243, 11.6325, 11.1375



3.7601, 3.7313, 4.2636



9.0995, 4.5735, 5.7321



43.9064, 22.1127, 25.6341

Inverse Universe

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



13.6476, 11.9218, 14.9466



23.2027, 19.3222, 24.9775



13.8591, 16.5637, 19.4356



3.7601, 3.7313, 4.2636



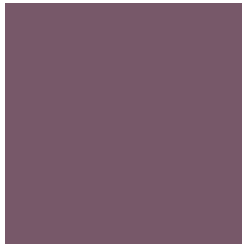
9.0995, 4.5735, 5.7321



43.9064, 22.1127, 25.6341

Previews

White Background



This preview shows how the XYZ color 13.6473, 11.9213, 14.9464 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 13.6473, 11.9213, 14.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

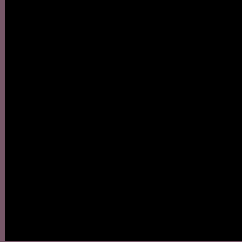
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6473, 11.9213, 14.9464

Background



This preview shows how black text looks on a background with the XYZ color 13.6473, 11.9213, 14.9464.

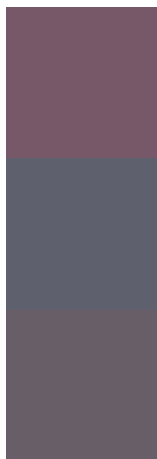


This preview shows how white text looks on a background with the XYZ color 13.6473, 11.9213,

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

13.6473, 11.9213, 14.9464

Protanopia

11.7167, 11.9244, 16.4360

Deuteranopia

12.2103, 11.9479, 14.7593



Tritanopia

13.1549, 11.8408, 12.6585

Trichromacy



Original Color

13.6473, 11.9213, 14.9464

Protanomaly

12.3300, 11.8545, 15.8256

Deuteranomaly

12.6325, 11.9050, 14.7288

Tritanomaly

13.2957, 11.8972, 13.4000

Monochromacy



Original Color

13.6473, 11.9213, 14.9464

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.3850, 12.1882, 14.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6473, 11.9213, 14.9464 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(119, 88, 105)` looks like.

```
.text, #text, p{  
    color:rgb(119, 88, 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(119, 88, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 88, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.6473, 11.9213, 14.9464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

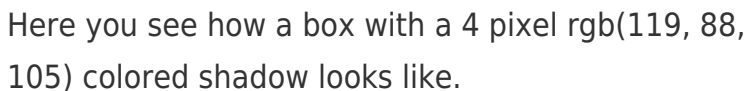
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 88, 105) }
```


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

```
.border{ border-color:rgb(119, 88, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 88, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 88, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 88, 105); box-shadow:4px 4px 4px 4px rgb(119, 88, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6473, 11.9213, 14.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 88, 105) }
```

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

```
.background{ background-color: rgb(119, 88,  
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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