

Converting Colors

XYZ(14.3168, 15.7683, 12.2504)

Have a look what the booklet for
XYZ(14.3168, 15.7683, 12.2504)
contains.

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Color

**XYZ(14.2380, 15.7232,
12.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	6F705B
RGB	111, 112, 91
RGB Percent	44%, 44%, 36%
CMY	0.5647, 0.5608, 0.6431
CMYK	0.01, 0.00, 0.19, 0.56
HSL	63°, 10%, 40%
HSV	63°, 19%, 44%
XYZ	14.2380, 15.7232, 12.1820
YIQ	109.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

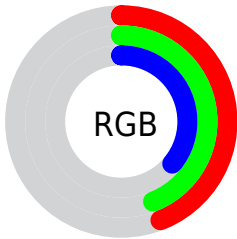
Format	Color
RYB	91, 112, 92
Decimal	7303259
CIELab	46.61, -4.32, 11.58
CIELCh	47, 12.355, 110.471
Yxy	15.7232, 0.3378, 0.3731
Android (android.graphics.Color)	4285493339 (0xFF6F705B)
YUV	109.3070, -9.0254, 1.4848
Hunter-Lab	39.6525, -5.2980, 9.5417

Details

The XYZ color **14.2380, 15.7232, 12.1820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0801, 10.9278, 16.8555**, and the grayscale version is **14.6470, 15.4098, 16.7813**.

A 20% lighter version of the original color is **33.1874, 36.2605, 30.4491**, and **4.3569, 4.9130, 3.2013** is the 20% darker color. If you saturate the color by 10%, you get **13.7235, 15.5102, 9.8213**, and if you desaturate by 10%, it is **14.8259, 15.9667, 14.9233**.

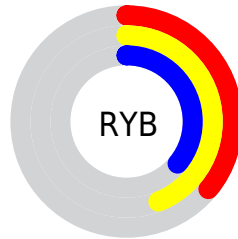
Distribution



Red (44%)

Green (44%)

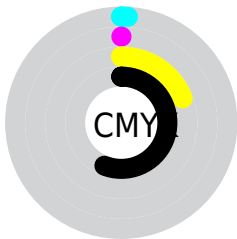
Blue (36%)



Red (36%)

Yellow (44%)

Blue (36%)

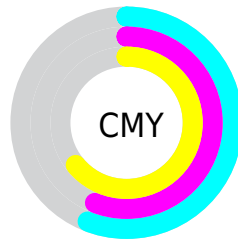


Cyan (1%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2380, 15.7232, 12.1820 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 14.2380, 15.7232, 12.1820 by changing the saturation by 10% instead.

■ 14.2380, 15.7232,
12.1820

■ 14.2380, 15.7232,
12.1820

212.1876,
227.7028, 216.6270

■ 8.3692, 9.3285,
6.7437

■ 33.0935, 36.1170,
30.4955

■ 4.3859, 4.9561,
3.2263

■ 46.8109, 50.8849,
44.2078

■ 1.9227, 2.2215,
1.2113

■ 63.8751, 69.2126,
61.5151

■ 0.5900, 0.7317,
0.0000

■ 84.6517, 91.4846,
82.8361

■ 0.0000, 0.0000,
0.0000

109.5058,
118.0852, 108.5892

138.8030,

149.3988, 139.1931

172.9084,
185.8099, 175.0661

■ 14.2380, 15.7232,
12.1820

■ 14.2380, 15.7232,
12.1820

■ 13.7235, 15.5102,
9.8213

■ 14.8259, 15.9667,
14.9233

■ 13.2780, 15.3243,
7.8235

■ 15.4888, 16.2397,
18.0598

■ 12.8984, 15.1647,
6.1707

■ 16.2302, 16.5441,
21.6069

■ 12.5810, 15.0302,
4.8435

■ 17.0525, 16.8810,
25.5786

■ 12.3217, 14.9189,
3.8203

■ 17.9585, 17.2514,
29.9882

■ 12.1160, 14.8291,
3.0770

■ 18.9504, 17.6562,
34.8486

■ 11.9586, 14.7586,
2.5858

■ 20.0307, 18.0964,
40.1722

■ 11.8318, 14.7005,
2.2540

■ 21.2016, 18.5729,
45.9706

■ 11.8162, 14.6933,
2.2133

■ 22.4653, 19.0865,
52.2554

Harmonies

Analogous

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



15.2868, 15.7232, 11.9522



14.2380, 15.7232, 12.1820



13.4165, 15.7232, 13.6443

Triad

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



14.2380, 15.7232, 12.1820



13.6757, 15.7232, 22.0661



17.0615, 15.7232, 18.1117

Complementary

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



14.2380, 15.7232, 12.1820



11.0801, 10.9278, 16.8555

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.



16.5842, 15.7232, 21.1406



14.2380, 15.7232, 12.1820



14.6072, 15.7232, 23.5964

Square

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



14.2380, 15.7232, 12.1820



13.1027, 15.7232, 19.2592



15.6738, 15.7232, 23.2389



16.9511, 15.7232, 15.1452

Rectangle

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



14.2380, 15.7232, 12.1820



13.0922, 15.7232, 15.2290



15.6738, 15.7232, 23.2389



16.9636, 15.7232, 19.1612

Sweetspot

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



14.2384, 15.7239, 12.1823



26.3331, 28.1671, 27.5765



12.3722, 11.8029, 11.5239



6.3138, 6.7618, 6.5658



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.



14.2384, 15.7239, 12.1823



24.5576, 27.4330, 19.3065



13.0276, 15.0997, 12.1257



3.6269, 3.9085, 3.6366



13.6540, 16.9826, 2.5583



67.8048, 84.4887, 12.7343

Inverse Universe

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



11.0801, 10.9278, 16.8555



17.7999, 17.1708, 29.3059



12.1684, 11.4889, 16.9064



3.2310, 3.3074, 4.2223



3.4527, 1.3894, 17.8078



16.9917, 6.8139, 88.6988

Previews

White Background



This preview shows how the XYZ color 14.2380, 15.7232, 12.1820 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 14.2380, 15.7232, 12.1820 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

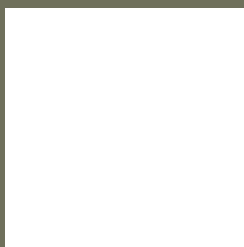
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2380, 15.7232, 12.1820

Background



This preview shows how black text looks on a background with the XYZ color 14.2380, 15.7232, 12.1820.



This preview shows how white text looks on a background with the XYZ color 14.2380, 15.7232,

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

14.2380, 15.7232, 12.1820

Protanopia

14.7575, 15.6720, 11.9200

Deuteranopia

15.8382, 15.5928, 12.3002



Tritanopia

15.6437, 15.6543, 19.0267

Trichromacy



Original Color

14.2380, 15.7232, 12.1820

Protanomaly

14.6001, 15.7519, 11.9438

Deuteranomaly

15.1795, 15.5628, 12.3291

Tritanomaly

15.1148, 15.5974, 16.4013

Monochromacy



Original Color

14.2380, 15.7232, 12.1820

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4046, 15.4262, 14.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2380, 15.7232, 12.1820 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(111, 112, 91)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 91)  
}
```

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(111, 112, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 91) }
```

Border

The CSS property to change the border of an element to XYZ 14.2380, 15.7232, 12.1820 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(111, 112, 91) }
```


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

```
.border{ border-color:rgb(111, 112, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 91);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2380, 15.7232, 12.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 91) }
```

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

```
.background{ background-color: rgb(111,  
112, 91) }
```

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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