

Converting Colors

XYZ(14.1532, 17.4477, 11.9721)

Have a look what the booklet for
XYZ(14.1532, 17.4477, 11.9721)
contains.

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Color

**XYZ(14.1295, 17.4070,
12.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	657A59
RGB	101, 122, 89
RGB Percent	40%, 48%, 35%
CMY	0.6039, 0.5216, 0.6510
CMYK	0.17, 0.00, 0.27, 0.52
HSL	98°, 16%, 41%
HSV	98°, 27%, 48%
XYZ	14.1295, 17.4070, 12.0664
YIQ	111.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

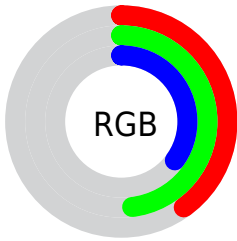
Format	Color
R _Y B	89, 122, 110
Decimal	6650457
CIE Lab	48.77, -14.31, 15.60
CIE LCh	49, 21.170, 132.514
Yxy	17.4070, 0.3240, 0.3992
Android (android.graphics.Color)	4284840537 (0xFF657A59)
YUV	111.9590, -11.3188, -9.6110
Hunter-Lab	41.7217, -12.5620, 12.0578

Details

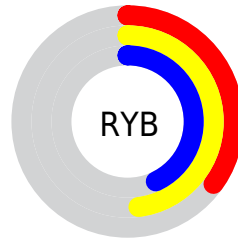
The XYZ color **14.1295, 17.4070, 12.0664** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.5164, 11.8654, 19.9911**, and the grayscale version is **15.4220, 16.2251, 17.6691**.

A 20% lighter version of the original color is **32.7451, 38.8116, 30.1916**, and **4.3399, 5.7238, 3.1616** is the 20% darker color. If you saturate the color by 10%, you get **12.8305, 16.7922, 9.5494**, and if you desaturate by 10%, it is **15.5965, 18.0996, 15.0353**.

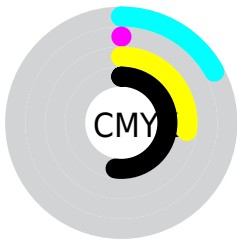
Distribution



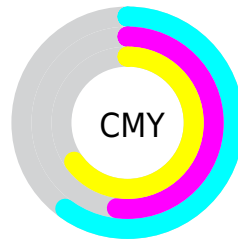
- Red (40%)
- Green (48%)
- Blue (35%)



- Red (35%)
- Yellow (48%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1295, 17.4070, 12.0664 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 14.1295, 17.4070, 12.0664 by changing the saturation by 10% instead.

■ 14.1295, 17.4070,
12.0664

■ 14.1295, 17.4070,
12.0664

211.5295,
237.5070, 215.8379

■ 8.2931, 10.5251,
6.6658

■ 32.9030, 39.0242,
30.2822

■ 4.3364, 5.7485,
3.1787

■ 46.5708, 54.5284,
43.9345

■ 1.8942, 2.6927,
1.1866

■ 63.5797, 73.6753,
61.1744

■ 0.5734, 0.9735,
0.0000

■ 84.2952, 96.8496,
82.4206

■ 0.0000, 0.0000,
0.0000

109.0826,
124.4355, 108.0914

138.3072,

156.8174, 138.6056

172.3344,
194.3798, 174.3816

■ 14.1295, 17.4070,
12.0664

■ 14.1295, 17.4070,
12.0664

■ 12.8305, 16.7922,
9.5494

■ 15.5965, 18.0996,
15.0353

■ 11.6917, 16.2502,
7.4610

■ 17.2362, 18.8704,
18.4756

■ 10.7067, 15.7787,
5.7776

■ 19.0548, 19.7228,
22.4069

■ 9.8679, 15.3743,
4.4728

■ 21.0578, 20.6592,
26.8476

■ 9.1673, 15.0335,
3.5172

■ 23.2504, 21.6819,
31.8149

■ 8.5955, 14.7523,
2.8768

■ 25.6376, 22.7930,
37.3253

■ 8.1358, 14.5237,
2.4779

■ 28.2243, 23.9948,
43.3947

■ 8.0141, 14.4632,
2.3693

■ 31.0150, 25.2894,
50.0381

■ 34.0143, 26.6786,
57.2702

Harmonies

Analogous

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



15.7426, 17.4070, 10.2576



14.1295, 17.4070, 12.0664



13.2084, 17.4070, 15.8954

Triad

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



14.1295, 17.4070, 12.0664



15.4395, 17.4070, 31.2053



20.4979, 17.4070, 16.7123

Complementary

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



14.1295, 17.4070, 12.0664



13.5164, 11.8654, 19.9911

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.



20.4006, 17.4070, 22.3801



14.1295, 17.4070, 12.0664



17.3738, 17.4070, 31.5439

Square

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



14.1295, 17.4070, 12.0664



13.9227, 17.4070, 27.2105



19.2208, 17.4070, 28.0607



19.4771, 17.4070, 12.5624

Rectangle

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



14.1295, 17.4070, 12.0664



13.0624, 17.4070, 19.4300



19.2208, 17.4070, 28.0607



20.5970, 17.4070, 18.4844

Sweetspot

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



14.1300, 17.4078, 12.0668



29.9767, 33.0350, 31.7676



15.3950, 15.9898, 11.7264



6.7671, 7.5126, 7.0791



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.



14.1300, 17.4078, 12.0668



23.5144, 29.9883, 18.5994



13.0734, 16.8411, 13.0110



4.0757, 4.5143, 4.2810



8.4285, 15.2223, 2.4940



39.3444, 72.1682, 11.8562

Inverse Universe

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



13.5164, 11.8654, 19.9911



22.2566, 18.6436, 34.8184



14.8454, 12.5813, 18.6620



4.0198, 4.0081, 5.0049



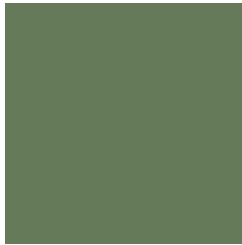
6.9663, 3.1640, 19.6288



32.2720, 14.5989, 93.5867

Previews

White Background



This preview shows how the XYZ color 14.1295, 17.4070, 12.0664 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 14.1295, 17.4070, 12.0664 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 14.1295, 17.4070, 12.0664

Background



This preview shows how black text looks on a background with the XYZ color 14.1295, 17.4070, 12.0664.



This preview shows how white text looks on a background with the XYZ color 14.1295, 17.4070,

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

14.1295, 17.4070, 12.0664

Protanopia

16.1226, 17.2184, 11.2778

Deuteranopia

17.5644, 17.2751, 12.3062



Tritanopia

16.1906, 17.3547, 22.2351

Trichromacy



Original Color

14.1295, 17.4070, 12.0664

Protanomaly

15.4012, 17.3580, 11.5555

Deuteranomaly

16.1446, 17.2106, 12.1439

Tritanomaly

15.4032, 17.3892, 18.1674

Monochromacy



Original Color

14.1295, 17.4070, 12.0664

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9284, 16.6784, 15.5291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1295, 17.4070, 12.0664 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(101, 122, 89)` looks like.

```
.text, #text, p{  
    color:rgb(101, 122, 89)  
}
```

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(101, 122, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 122, 89) }
```

Border

The CSS property to change the border of an element to XYZ 14.1295, 17.4070, 12.0664 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(101, 122, 89) }
```


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

```
.border{ border-color:rgb(101, 122, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 122, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 122, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 122, 89);  
box-shadow:4px 4px 4px 4px rgb(101, 122,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1295, 17.4070, 12.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 122, 89) }
```

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

```
.background{ background-color: rgb(101,  
122, 89) }
```

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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