

Converting Colors

XYZ(14.6565, 17.3154, 13.6672)

Have a look what the booklet for
XYZ(14.6565, 17.3154, 13.6672)
contains.

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Color

**XYZ(14.6535, 17.2807,
13.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	697860
RGB	105, 120, 96
RGB Percent	41%, 47%, 38%
CMY	0.5882, 0.5294, 0.6235
CMYK	0.13, 0.00, 0.20, 0.53
HSL	98°, 11%, 42%
HSV	98°, 20%, 47%
XYZ	14.6535, 17.2807, 13.6295
YIQ	112.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

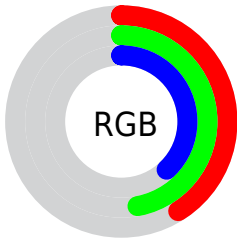
Format	Color
R_{YB}	96, 120, 111
Decimal	6912096
CIE _{Lab}	48.61, -10.39, 11.35
CIE _{LCh}	49, 15.393, 132.477
Yxy	17.2807, 0.3216, 0.3793
Android (android.graphics.Color)	4285102176 (0xFF697860)
YUV	112.7790, -8.2720, -6.8222
Hunter-Lab	41.5701, -9.8261, 9.6597

Details

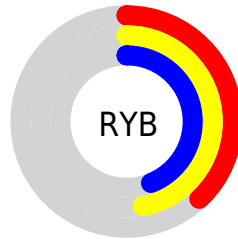
The XYZ color **14.6535, 17.2807, 13.6295** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1292, 13.1017, 19.5544**, and the grayscale version is **15.6549, 16.4702, 17.9360**.

A 20% lighter version of the original color is **33.7293, 38.6796, 33.2919**, and **4.6380, 5.7646, 3.8858** is the 20% darker color. If you saturate the color by 10%, you get **13.3003, 16.6427, 10.8990**, and if you desaturate by 10%, it is **16.1697, 17.9941, 16.8087**.

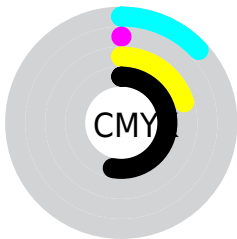
Distribution



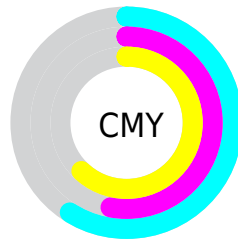
- Red (41%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6535, 17.2807, 13.6295 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 14.6535, 17.2807, 13.6295 by changing the saturation by 10% instead.

■ 14.6535, 17.2807,
13.6295

■ 14.6535, 17.2807,
13.6295

214.6895,
236.7848, 226.2613

■ 8.6613, 10.4348,
7.7276

■ 33.8208, 38.8078,
33.1378

■ 4.5763, 5.6882,
3.8359

■ 47.7267, 54.2578,
47.5813

■ 2.0330, 2.6564,
1.5358

■ 65.0011, 73.3446,
65.7091

■ 0.6524, 0.9551,
0.2444

■ 86.0095, 96.4526,
87.9397

■ 0.0000, 0.0000,
0.0000

111.1171,
123.9662, 114.6917

140.6894,

156.2699, 146.3836

175.0918,
193.7480, 183.4339

■ 14.6535, 17.2807,
13.6295

■ 14.6535, 17.2807,
13.6295

■ 13.3003, 16.6427,
10.8990

■ 16.1697, 17.9941,
16.8087

■ 12.1029, 16.0751,
8.5959

■ 17.8531, 18.7829,
20.4543

■ 11.0557, 15.5761,
6.6988

■ 19.7092, 19.6503,
24.5845

■ 10.1518, 15.1428,
5.1841

■ 21.7432, 20.5984,
29.2163

■ 9.3843, 14.7719,
4.0257

■ 23.9597, 21.6294,
34.3656

■ 8.7450, 14.4601,
3.1943

■ 26.3634, 22.7453,
40.0478

■ 8.2250, 14.2035,
2.6558

■ 28.9586, 23.9480,
46.2777

■ 7.7989, 13.9914,
2.2896

■ 31.7497, 25.2394,
53.0693

■ 34.7408, 26.6214,
60.4363

Harmonies

Analogous

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



15.8434, 17.2807, 12.1816



14.6535, 17.2807, 13.6295



13.9623, 17.2807, 16.5637

Triad

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



14.6535, 17.2807, 13.6295



15.6184, 17.2807, 27.2764



19.2299, 17.2807, 17.1805

Complementary

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



14.6535, 17.2807, 13.6295



14.1292, 13.1017, 19.5544

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.



19.1611, 17.2807, 21.2632



14.6535, 17.2807, 13.6295



17.0202, 17.2807, 27.5047

Square

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



14.6535, 17.2807, 13.6295



14.4969, 17.2807, 24.5894



18.3334, 17.2807, 25.1745



18.5164, 17.2807, 14.0249

Rectangle

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



14.6535, 17.2807, 13.6295



13.8514, 17.2807, 19.1548



18.3334, 17.2807, 25.1745



19.2986, 17.2807, 18.4807

Sweetspot

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



14.6540, 17.2814, 13.6299



29.5439, 32.1654, 31.9341



15.5203, 16.1635, 13.3684



6.9675, 7.6069, 7.4945



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.



14.6540, 17.2814, 13.6299



24.6457, 29.8624, 21.6726



13.7834, 16.8175, 14.2742



4.0797, 4.5164, 4.2812



8.4928, 15.2554, 2.4970



39.6360, 72.3185, 11.8698

Inverse Universe

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



14.1292, 13.1017, 19.5544



23.5454, 21.1046, 34.0857



15.1519, 13.6483, 18.7279



4.0157, 4.0060, 5.0048



6.8484, 3.1032, 19.6233



31.7013, 14.3046, 93.5600

Previews

White Background



This preview shows how the XYZ color 14.6535, 17.2807, 13.6295 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 14.6535, 17.2807, 13.6295 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 14.6535, 17.2807, 13.6295

Background



This preview shows how black text looks on a background with the XYZ color 14.6535, 17.2807, 13.6295.



This preview shows how white text looks on a background with the XYZ color 14.6535, 17.2807,

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

14.6535, 17.2807, 13.6295

Protanopia

16.1772, 17.2072, 13.0584

Deuteranopia

17.5619, 17.2373, 13.9568



Tritanopia

16.3775, 17.2864, 21.8755

Trichromacy



Original Color

14.6535, 17.2807, 13.6295

Protanomaly

15.6293, 17.2618, 13.3346

Deuteranomaly

16.3434, 17.1086, 13.7502

Tritanomaly

15.5829, 17.1256, 18.4039

Monochromacy



Original Color

14.6535, 17.2807, 13.6295

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3296, 16.8673, 16.3577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6535, 17.2807, 13.6295 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(105, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(105, 120, 96)  
}
```

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(105, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 120, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.6535, 17.2807, 13.6295 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(105, 120, 96) }
```


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

```
.border{ border-color:rgb(105, 120, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 120, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 120, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 120, 96); box-shadow:4px 4px 4px 4px rgb(105, 120, 96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6535, 17.2807, 13.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 120, 96) }
```

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

```
.background{ background-color: rgb(105,  
120, 96) }
```

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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