

Converting Colors

XYZ(13.0729, 14.7283, 17.5415)

Have a look what the booklet for
XYZ(13.0729, 14.7283, 17.5415)
contains.

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Color

**XYZ(13.0148, 14.6489,
17.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E70
RGB	93, 110, 112
RGB Percent	36%, 43%, 44%
CMY	0.6353, 0.5686, 0.5608
CMYK	0.17, 0.02, 0.00, 0.56
HSL	186°, 9%, 40%
HSV	186°, 17%, 44%
XYZ	13.0148, 14.6489, 17.4708
YIQ	105.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

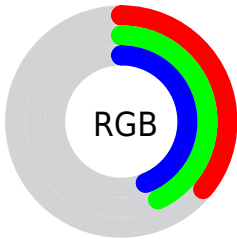
Format	Color
R_{YB}	93, 102, 112
Decimal	6123120
CIE _{Lab}	45.15, -5.86, -3.25
CIE _{LCh}	45, 6.703, 208.998
Yxy	14.6489, 0.2884, 0.3246
Android (android.graphics.Color)	4284313200 (0xFF5D6E70)
YUV	105.1450, 3.3795, -10.6512
Hunter-Lab	38.2739, -6.2815, -0.2723

Details

The XYZ color **13.0148, 14.6489, 17.4708** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7502, 12.4195, 12.0815**, and the grayscale version is **13.4601, 14.1611, 15.4214**.

A 20% lighter version of the original color is **31.1228, 34.4503, 40.1312**, and **3.8203, 4.4198, 5.5022** is the 20% darker color. If you saturate the color by 10%, you get **11.8370, 13.8547, 17.3798**, and if you desaturate by 10%, it is **14.3612, 15.5333, 17.5708**.

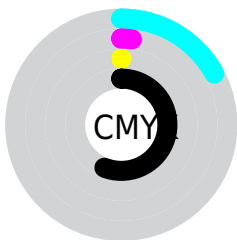
Distribution



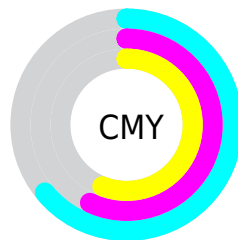
- Red (36%)
- Green (43%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0148, 14.6489, 17.4708 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 13.0148, 14.6489, 17.4708 by changing the saturation by 10% instead.

■ 13.0148, 14.6489,
17.4708

■ 13.0148, 14.6489,
17.4708

204.6482,
221.2312, 250.0062

■ 7.5158, 8.5733,
10.4052

■ 30.9315, 34.2361,
39.9352

■ 3.8359, 4.4640,
5.5594

■ 44.0798, 48.5165,
56.1711

■ 1.6097, 1.9363,
2.5146

■ 60.5087, 66.3006,
76.3008

■ 0.3987, 0.5701,
0.8479

■ 80.5835, 87.9729,
100.7429

■ 0.0000, 0.0000,
0.0000

104.6694,
113.9177, 129.9160

133.1320,

144.5194, 164.2385

166.3364,
180.1624, 204.1291

■ 13.0148, 14.6489,
17.4708

■ 13.0148, 14.6489,
17.4708

■ 11.8370, 13.8547,
17.3798

■ 14.3612, 15.5333,
17.5708

■ 10.8194, 13.1452,
17.2965

■ 15.8816, 16.5096,
17.6791

■ 9.9546, 12.5169,
17.2208

■ 17.5830, 17.5817,
17.7963

■ 9.2343, 11.9656,
17.1524

■ 19.4714, 18.7527,
17.9228

■ 8.6493, 11.4865,
17.0907

■ 21.5524, 20.0256,
18.0589

■ 8.1894, 11.0744,
17.0354

■ 23.8318, 21.4033,
18.2046

■ 7.8427, 10.7231,
16.9859

■ 26.3147, 22.8885,
18.3604

■ 7.5801, 10.4176,
16.9407

■ 29.0063, 24.4838,
18.5265

■ 7.5031, 10.3267,
16.9273

■ 31.9115, 26.1918,
18.7031

Harmonies

Analogous

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



12.8881, 14.6489, 15.8970



13.0148, 14.6489, 17.4708



13.3834, 14.6489, 18.7023

Triad

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



13.0148, 14.6489, 17.4708



14.8538, 14.6489, 17.5689



13.9419, 14.6489, 13.0978

Complementary

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



13.0148, 14.6489, 17.4708



12.7502, 12.4195, 12.0815

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.



14.4777, 14.6489, 13.4822



13.0148, 14.6489, 17.4708



15.0126, 14.6489, 16.0034

Square

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



13.0148, 14.6489, 17.4708



14.4446, 14.6489, 18.7616



14.8732, 14.6489, 14.5204



13.4147, 14.6489, 13.4346

Rectangle

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



13.0148, 14.6489, 17.4708



13.7216, 14.6489, 19.1266



14.8732, 14.6489, 14.5204



14.1270, 14.6489, 13.1465

Sweetspot

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



13.0152, 14.6495, 17.4711



25.6950, 27.5898, 30.9009



12.3697, 14.7402, 12.9962



6.1396, 6.6066, 7.4214



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.



13.0152, 14.6495, 17.4711



22.0942, 25.2205, 30.6333



12.0541, 12.7272, 17.1507



3.4465, 3.7582, 4.2980



8.6643, 11.9189, 19.5655



42.7875, 58.6268, 97.3401

Inverse Universe

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



13.4113, 12.3996, 16.4391



22.9210, 20.5688, 28.4686



13.6488, 14.2167, 12.3810



3.5000, 3.4477, 4.1599



10.3917, 5.0490, 14.4043



51.5771, 25.0762, 70.7623

Previews

White Background



This preview shows how the XYZ color 13.0148, 14.6489, 17.4708 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 13.0148, 14.6489, 17.4708 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

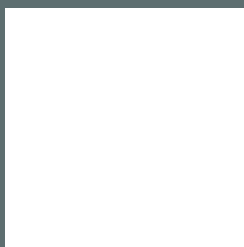
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0148, 14.6489, 17.4708

Background



This preview shows how black text looks on a background with the XYZ color 13.0148, 14.6489, 17.4708.



This preview shows how white text looks on a background with the XYZ color 13.0148, 14.6489,

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

13.0148, 14.6489, 17.4708

Protanopia

14.1528, 14.6220, 16.8282

Deuteranopia

14.8704, 14.6703, 17.6707



Tritanopia

13.3547, 14.6250, 19.2586

Trichromacy



Original Color

13.0148, 14.6489, 17.4708

Protanomaly

13.7205, 14.5467, 17.1236

Deuteranomaly

14.0785, 14.5645, 17.6920

Tritanomaly

13.2371, 14.5779, 18.6391

Monochromacy



Original Color

13.0148, 14.6489, 17.4708

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3313, 14.3648, 16.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0148, 14.6489, 17.4708 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(93, 110, 112) looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 112)  
}
```

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(93, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.0148, 14.6489, 17.4708 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(93, 110, 112) }
```


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

```
.border{ border-color:rgb(93, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0148, 14.6489, 17.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 112) }
```

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

```
.background{ background-color: rgb(93, 110,  
112) }
```

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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