

Converting Colors

XYZ(14.4330, 13.5043, 17.9902)

Have a look what the booklet for
XYZ(14.4330, 13.5043, 17.9902)
contains.

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Color

**XYZ(14.5324, 13.6180,
18.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	736273
RGB	115, 98, 115
RGB Percent	45%, 38%, 45%
CMY	0.5490, 0.6157, 0.5490
CMYK	0.00, 0.15, 0.00, 0.55
HSL	300°, 8%, 42%
HSV	300°, 15%, 45%
XYZ	14.5324, 13.6180, 18.0823
YIQ	105.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

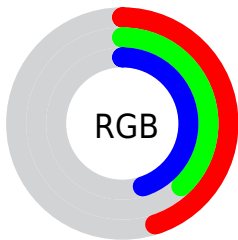
Format	Color
R_{YB}	115, 98, 115
Decimal	7561843
CIE _{Lab}	43.68, 10.12, -7.04
CIE _{LCh}	44, 12.328, 325.196
Yxy	13.6180, 0.3143, 0.2946
Android (android.graphics.Color)	4285751923 (0xFF736273)
YUV	105.0210, 4.9196, 8.7516
Hunter-Lab	36.9026, 5.7146, -3.2204

Details

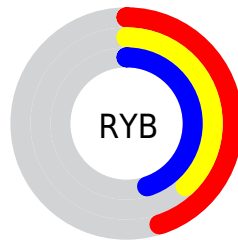
The XYZ color **14.5324, 13.6180, 18.0823** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3729, 15.7404, 13.8893**, and the grayscale version is **13.4195, 14.1183, 15.3749**.

A 20% lighter version of the original color is **33.6588, 32.5004, 41.0584**, and **4.5117, 3.9662, 5.8379** is the 20% darker color. If you saturate the color by 10%, you get **13.5329, 11.6188, 17.7493**, and if you desaturate by 10%, it is **15.6873, 15.9276, 18.4674**.

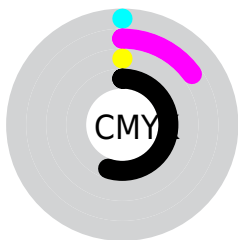
Distribution



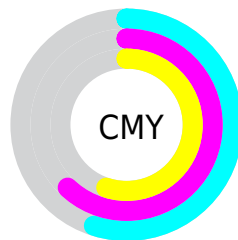
- Red (45%)
- Green (38%)
- Blue (45%)



- Red (45%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5324, 13.6180, 18.0823 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 14.5324, 13.6180, 18.0823 by changing the saturation by 10% instead.

■ 14.5324, 13.6180,
18.0823

■ 14.5324, 13.6180,
18.0823

213.9632,
214.8413, 253.5862

■ 8.5760, 7.8555,
10.8390

■ 33.6092, 32.4097,
40.9933

■ 4.5206, 4.0026,
5.8459

■ 47.4603, 46.2076,
57.4982

■ 2.0007, 1.6750,
2.6843

■ 64.6738, 63.4528,
77.9274

■ 0.6343, 0.4074,
0.9355

■ 85.6149, 84.5296,
102.6993

■ 0.0000, 0.0000,
0.0000

110.6491,
109.8225, 132.2326

140.1416,

139.7158, 166.9459

174.4579,
174.5939, 207.2575

■ 14.5324, 13.6180,
18.0823

■ 14.5324, 13.6180,
18.0823

■ 13.5329, 11.6188,
17.7493

■ 15.6873, 15.9276,
18.4674

■ 12.6811, 9.9152,
17.4654

■ 17.0027, 18.5582,
18.9059

■ 11.9702, 8.4936,
17.2284

■ 18.4846, 21.5220,
19.3998

■ 11.3928, 7.3388,
17.0360

■ 20.1387, 24.8302,
19.9512

■ 10.9406, 6.4343,
16.8852

■ 21.9703, 28.4933,
20.5617

■ 10.6041, 5.7615,
16.7731

■ 23.9844, 32.5214,
21.2331

■ 10.3730, 5.2992,
16.6960

■ 26.1858, 36.9243,
21.9669

■ 10.2298, 5.0129,
16.6483

■ 28.5793, 41.7112,
22.7647

■ 10.1646, 4.8826,
16.6266

■ 31.1693, 46.8913,
23.6280

Harmonies

Analogous

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



13.7520, 13.6180, 20.1917



14.5324, 13.6180, 18.0823



14.8878, 13.6180, 15.2785

Triad

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



14.5324, 13.6180, 18.0823



13.1000, 13.6180, 10.1258



11.3316, 13.6180, 17.2142

Complementary

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



14.5324, 13.6180, 18.0823



13.3729, 15.7404, 13.8893

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.



11.1763, 13.6180, 14.3858



14.5324, 13.6180, 18.0823



12.1673, 13.6180, 10.5092

Square

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



14.5324, 13.6180, 18.0823



14.0349, 13.6180, 10.8680



11.4749, 13.6180, 11.9891



11.9102, 13.6180, 19.6483

Rectangle

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



14.5324, 13.6180, 18.0823



14.8236, 13.6180, 13.4741



11.4749, 13.6180, 11.9891



11.2295, 13.6180, 16.2690

Sweetspot

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



14.5328, 13.6186, 18.0826



28.2408, 28.8210, 33.1191



12.5264, 12.6237, 17.9963



6.7036, 6.8083, 7.8898



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.5328, 13.6186, 18.0826



25.3307, 23.0009, 32.1491



14.0808, 13.4378, 15.7023



3.8266, 3.7579, 4.6139



11.6202, 5.5817, 19.0075



56.6265, 27.2005, 92.6260

Inverse Universe

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



13.6430, 13.2627, 13.3969



23.3878, 22.2238, 21.9173



13.7810, 15.9036, 16.0387



3.6839, 3.7009, 3.8625



8.0828, 4.1668, 0.3783



39.3885, 20.3055, 1.8435

Previews

White Background



This preview shows how the XYZ color 14.5324, 13.6180, 18.0823 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 14.5324, 13.6180, 18.0823 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 14.5324, 13.6180, 18.0823

Background



This preview shows how black text looks on a background with the XYZ color 14.5324, 13.6180, 18.0823.



This preview shows how white text looks on a background with the XYZ color 14.5324, 13.6180,

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

14.5324, 13.6180, 18.0823

Protanopia

13.4871, 13.7752, 19.0876

Deuteranopia

13.9325, 13.7333, 18.1361



Tritanopia

14.0551, 13.5626, 15.7870

Trichromacy



Original Color

14.5324, 13.6180, 18.0823

Protanomaly

13.8084, 13.6559, 18.7377

Deuteranomaly

14.2072, 13.7317, 18.1213

Tritanomaly

14.2157, 13.6269, 16.6329

Monochromacy



Original Color

14.5324, 13.6180, 18.0823

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8184, 13.8581, 16.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5324, 13.6180, 18.0823 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(115, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 98, 115)  
}
```

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(115, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 98, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.5324, 13.6180, 18.0823 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(115, 98, 115) }
```


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

```
.border{ border-color:rgb(115, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 98, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 98, 115); box-shadow:4px 4px 4px 4px rgb(115, 98, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5324, 13.6180, 18.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 98, 115) }
```

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

```
.background{ background-color: rgb(115, 98,  
115) }
```

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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