

Converting Colors

XYZ(14.8597, 14.6003, 23.4780)

Have a look what the booklet for
XYZ(14.8597, 14.6003, 23.4780)
contains.

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Color

**XYZ(14.8727, 14.5426,
23.4958)**

Conversions

Conversions Part 1

Format	Color
Hex	696883
RGB	105, 104, 131
RGB Percent	41%, 41%, 51%
CMY	0.5882, 0.5921, 0.4863
CMYK	0.20, 0.21, 0.00, 0.49
HSL	242°, 11%, 46%
HSV	242°, 21%, 51%
XYZ	14.8727, 14.5426, 23.4958
YIQ	107.3770, -8.0710, 8.6090

Conversions

Conversions Part 2

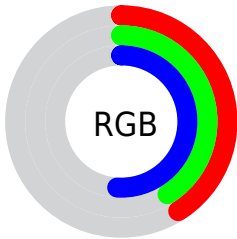
Format	Color
R_{YB}	105, 104, 131
Decimal	6908035
CIE Lab	45.00, 6.50, -14.79
CIE LCh	45, 16.151, 293.725
Yxy	14.5426, 0.2811, 0.2748
Android (android.graphics.Color)	4285098115 (0xFF696883)
YUV	107.3770, 11.6461, -2.0846
Hunter-Lab	38.1348, 2.8798, -9.8358

Details

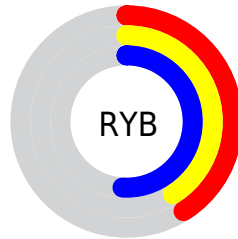
The XYZ color **14.8727, 14.5426, 23.4958** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.8215, 21.9783, 16.2950**, and the grayscale version is **14.0504, 14.7821, 16.0977**.

A 20% lighter version of the original color is **34.2777, 34.0715, 50.1172**, and **4.6735, 4.4053, 8.5866** is the 20% darker color. If you saturate the color by 10%, you get **12.2818, 11.3994, 23.0259**, and if you desaturate by 10%, it is **17.8893, 18.2100, 24.0449**.

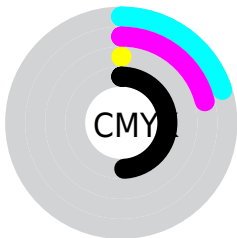
Distribution



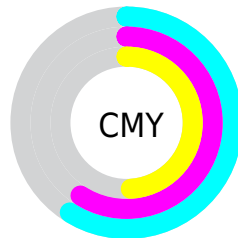
- Red (41%)
- Green (41%)
- Blue (51%)



- Red (41%)
- Yellow (41%)
- Blue (51%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8727, 14.5426, 23.4958 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 14.8727, 14.5426, 23.4958 by changing the saturation by 10% instead.

■ 14.8727, 14.5426,
23.4958

■ 14.8727, 14.5426,
23.4958

215.9981,
220.5807, 283.4654

■ 8.8158, 8.4990,
14.7513

■ 34.2032, 34.0487,
50.1396

■ 4.6774, 4.4159,
8.5003

■ 48.2075, 48.2801,
68.8760

■ 2.0920, 1.9088,
4.3244

■ 65.5917, 66.0095,
91.7802

■ 0.6849, 0.5537,
1.8049

■ 86.7211, 87.6213,
119.2705

■ 0.0000, 0.0000,
0.4312

111.9611,
113.4999, 151.7657

■ 0.0000, 0.0000,
0.0000

141.6770,

144.0298, 189.6842

176.2343,
179.5952, 233.4446

■ 14.8727, 14.5426,
23.4958

■ 14.8727, 14.5426,
23.4958

■ 12.2818, 11.3994,
23.0259

■ 17.8893, 18.2100,
24.0449

■ 10.0960, 8.7549,
22.6307

■ 21.3480, 22.4222,
24.6757

■ 8.2953, 6.5840,
22.3065

■ 25.2662, 27.2008,
25.3915

■ 6.8575, 4.8586,
22.0493

■ 29.6597, 32.5656,
26.1955

■ 5.7577, 3.5479,
21.8543

■ 34.5439, 38.5357,
27.0904

■ 4.9685, 2.6170,
21.7162

■ 39.9331, 45.1291,
28.0790

■ 4.4576, 2.0254,
21.6289

■ 45.8414, 52.3631,
29.1639

■ 4.1574, 1.6700,
21.5761

■ 52.2822, 60.2544,
30.3476

■ 59.2682, 68.8190,
31.6325

Harmonies

Analogous

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



13.5458, 14.5426, 24.2489



14.8727, 14.5426, 23.4958



15.9792, 14.5426, 20.5546

Triad

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



14.8727, 14.5426, 23.4958



15.3848, 14.5426, 10.6514



11.4418, 14.5426, 15.0504

Complementary

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



14.8727, 14.5426, 23.4958



19.8215, 21.9783, 16.2950

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.



11.8688, 14.5426, 11.8986



14.8727, 14.5426, 23.4958



14.1026, 14.5426, 9.6337

Square

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



14.8727, 14.5426, 23.4958



16.2878, 14.5426, 13.0769



12.8226, 14.5426, 10.0509



11.6191, 14.5426, 18.9546

Rectangle

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



14.8727, 14.5426, 23.4958



16.4144, 14.5426, 17.9681



12.8226, 14.5426, 10.0509



11.5185, 14.5426, 13.8767

Sweetspot

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



14.8732, 14.5432, 23.4961



34.7048, 35.8591, 43.5455



17.8020, 20.5740, 24.5058



8.0041, 8.2563, 10.1245



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8732, 14.5432, 23.4961



24.2360, 23.1322, 41.6407



16.5732, 15.4196, 23.5757



4.4492, 4.5522, 5.8449



4.0928, 1.6441, 21.2383



0.0152, 0.0062, 0.0736

Inverse Universe

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



18.3402, 16.3383, 23.3069



31.6859, 26.9901, 41.2091



17.8979, 20.9866, 16.2049



4.8506, 4.7599, 5.8258



12.9307, 6.2366, 20.0054



0.0454, 0.0218, 0.0723

Previews

White Background



This preview shows how the XYZ color 14.8727, 14.5426, 23.4958 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 14.8727, 14.5426, 23.4958 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 14.8727, 14.5426, 23.4958

Background



This preview shows how black text looks on a background with the XYZ color 14.8727, 14.5426, 23.4958.



This preview shows how white text looks on a background with the XYZ color 14.8727, 14.5426,

23.4958.

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

14.8727, 14.5426, 23.4958

Protanopia

14.4720, 14.4784, 23.8617

Deuteranopia

14.7560, 14.4824, 23.4904



Tritanopia

13.8317, 14.5780, 18.3045

Trichromacy



Original Color

14.8727, 14.5426, 23.4958

Protanomaly

14.6959, 14.5939, 23.8721

Deuteranomaly

14.7560, 14.4824, 23.4904

Tritanomaly

14.1987, 14.5721, 20.1535

Monochromacy



Original Color

14.8727, 14.5426, 23.4958

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2503, 14.6332, 18.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8727, 14.5426, 23.4958 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, 104, 131)` looks like.

```
.text, #text, p{  
    color:rgb(105, 104, 131)  
}
```

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, 104, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 104, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.8727, 14.5426, 23.4958 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, 104, 131) }
```


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

```
.border{ border-color:rgb(105, 104, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 104, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 104, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 104, 131);  
box-shadow:4px 4px 4px 4px rgb(105, 104,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8727, 14.5426, 23.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 104, 131) }
```

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

```
.background{ background-color: rgb(105,  
104, 131) }
```

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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