

Converting Colors

XYZ(14.2163, 14.7945, 16.1135)

Have a look what the booklet for
XYZ(14.2163, 14.7945, 16.1135)
contains.

XYZ(14.2182, 14.8281, 16.0227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2182, 14.8281,
16.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6B6B
RGB	109, 107, 107
RGB Percent	43%, 42%, 42%
CMY	0.5725, 0.5804, 0.5804
CMYK	0.00, 0.02, 0.02, 0.57
HSL	0°, 1%, 42%
HSV	0°, 2%, 43%
XYZ	14.2182, 14.8281, 16.0227
YIQ	107.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

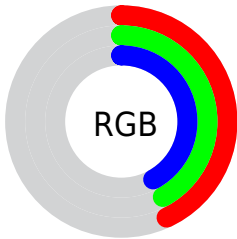
Format	Color
R_{YB}	109, 107, 107
Decimal	7170923
CIE _{Lab}	45.40, 0.78, 0.27
CIE _{LCh}	45, 0.822, 19.064
Yxy	14.8281, 0.3155, 0.3290
Android (android.graphics.Color)	4285361003 (0xFF6D6B6B)
YUV	107.5980, -0.2948, 1.2296
Hunter-Lab	38.5073, -1.4794, 2.2848

Details

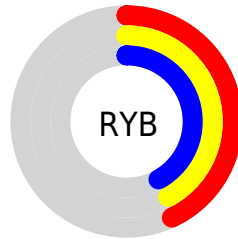
The XYZ color **14.2182, 14.8281, 16.0227** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2924, 15.1671, 16.6424**, and the grayscale version is **14.1423, 14.8788, 16.2030**.

A 20% lighter version of the original color is **32.8956, 34.3959, 37.2530**, and **4.4181, 4.5821, 4.9265** is the 20% darker color. If you saturate the color by 10%, you get **12.6158, 12.4837, 12.8354**, and if you desaturate by 10%, it is **16.0369, 17.4888, 19.6392**.

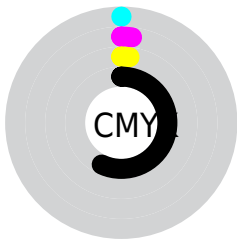
Distribution



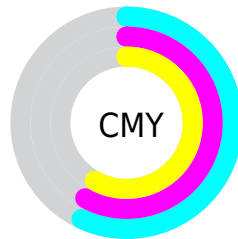
- Red (43%)
- Green (42%)
- Blue (42%)



- Red (43%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2182, 14.8281, 16.0227 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 14.2182, 14.8281, 16.0227 by changing the saturation by 10% instead.

■ 14.2182, 14.8281,
16.0227

■ 14.2182, 14.8281,
16.0227

212.0676,
222.3234, 241.3259

■ 8.3553, 8.6988,
9.3857

■ 33.0587, 34.5513,
37.4049

■ 4.3768, 4.5453,
4.8934

■ 46.7671, 48.9141,
52.9873

■ 1.9175, 1.9830,
2.1272

■ 63.8213, 66.7901,
72.3884

■ 0.5870, 0.5976,
0.6319

■ 84.5867, 88.5638,
96.0270

■ 0.0000, 0.0000,
0.0000

109.4287,
114.6196, 124.3215

138.7126,

145.3419, 157.6904

172.8038,
181.1150, 196.5524

■ 14.2182, 14.8281,
16.0227

■ 14.2182, 14.8281,
16.0227

■ 12.6158, 12.4837,
12.8354

■ 16.0369, 17.4888,
19.6392

■ 11.2203, 10.4420,
10.0604

■ 18.0780, 20.4750,
23.6989

■ 10.0237, 8.6912,
7.6811

■ 20.3493, 23.7978,
28.2165

■ 9.0170, 7.2182,
5.6796

■ 22.8576, 27.4672,
33.2056

■ 8.1904, 6.0087,
4.0364

■ 25.6094, 31.4929,
38.6795

■ 7.5333, 5.0471,
2.7303

■ 28.6112, 35.8841,
44.6505

■ 7.0340, 4.3162,
1.7381

■ 31.8690, 40.6498,
51.1310

■ 6.6791, 3.7968,
1.0334

■ 35.3886, 45.7986,
58.1325

■ 6.4530, 3.4657,
0.5844

■ 39.1759, 51.3387,
65.6665

Harmonies

Analogous

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



14.2230, 14.8281, 16.2168



14.2182, 14.8281, 16.0227



14.1799, 14.8281, 15.8627

Triad

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



14.2182, 14.8281, 16.0227



13.9947, 14.8281, 15.9000



14.0688, 14.8281, 16.5175

Complementary

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



14.2182, 14.8281, 16.0227



14.2924, 15.1671, 16.6424

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.



14.0078, 14.8281, 16.4312



14.2182, 14.8281, 16.0227



13.9651, 14.8281, 16.0740

Square

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



14.2182, 14.8281, 16.0227



14.0508, 14.8281, 15.7923



13.9699, 14.8281, 16.2685



14.1366, 14.8281, 16.5035

Rectangle

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



14.2182, 14.8281, 16.0227



14.1407, 14.8281, 15.7964



13.9699, 14.8281, 16.2685



14.0468, 14.8281, 16.4992

Sweetspot

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



14.2186, 14.8287, 16.0230



25.7085, 26.9160, 29.1850



14.3249, 14.8710, 16.5836



5.9886, 6.2724, 6.8036



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



14.2186, 14.8287, 16.0230



25.3928, 26.4541, 28.5571



14.3233, 15.0381, 16.0579



3.3775, 3.5232, 3.8077



7.3775, 3.8047, 0.3456



37.5886, 19.3807, 1.7597

Inverse Universe

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



14.2924, 15.1671, 16.6424



25.5407, 27.1319, 29.7981



14.1865, 14.9553, 16.6071



3.3946, 3.6015, 3.9511



9.6140, 14.0623, 19.1298



48.9841, 71.6468, 97.4737

Previews

White Background



This preview shows how the XYZ color 14.2182, 14.8281, 16.0227 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 14.2182, 14.8281, 16.0227 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

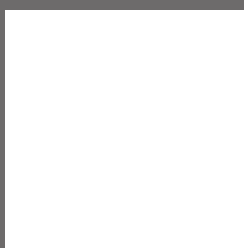
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2182, 14.8281, 16.0227

Background



This preview shows how black text looks on a background with the XYZ color 14.2182, 14.8281, 16.0227.



This preview shows how white text looks on a background with the XYZ color 14.2182, 14.8281,

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

14.2182, 14.8281, 16.0227

Protanopia

14.2182, 14.8281, 16.0227

Deuteranopia

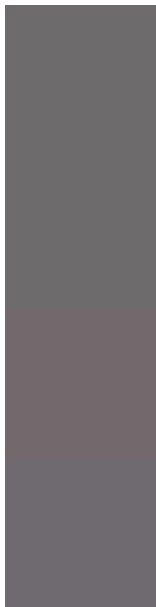
15.1283, 14.8349, 16.2534



Tritanopia

14.6217, 14.8380, 18.0130

Trichromacy



Original Color

14.2182, 14.8281, 16.0227

Protanomaly

14.2182, 14.8281, 16.0227

Deuteranomaly

14.8286, 14.8307, 16.2684

Tritanomaly

14.4537, 14.7708, 17.1282

Monochromacy



Original Color

14.2182, 14.8281, 16.0227

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2537, 14.9960, 16.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2182, 14.8281, 16.0227 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(109, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 107)  
}
```

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(109, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.2182, 14.8281, 16.0227 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(109, 107, 107) }
```


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

```
.border{ border-color:rgb(109, 107, 107) }
```

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

Here you see how a box with a 4 pixel rgb(109, 107, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2182, 14.8281, 16.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 107) }
```

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

```
.background{ background-color: rgb(109,  
107, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor