

Converting Colors

XYZ(14.6541, 16.7263, 14.7681)

Have a look what the booklet for
XYZ(14.6541, 16.7263, 14.7681)
contains.

XYZ(14.6541, 16.7263, 14.7681)	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(14.6541, 16.7263,
14.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7565
RGB	106, 117, 101
RGB Percent	42%, 46%, 40%
CMY	0.5843, 0.5412, 0.6039
CMYK	0.09, 0.00, 0.14, 0.54
HSL	101°, 7%, 43%
HSV	101°, 14%, 46%
XYZ	14.6541, 16.7263, 14.7681
YIQ	111.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

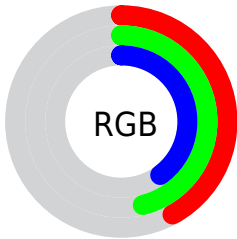
Format	Color
R_{YB}	101, 117, 112
Decimal	6976869
CIE Lab	47.91, -7.38, 7.44
CIE LCh	48, 10.477, 134.781
Yxy	16.7263, 0.3175, 0.3624
Android (android.graphics.Color)	4285166949 (0xFF6A7565)
YUV	111.8870, -5.3673, -5.1629
Hunter-Lab	40.8978, -7.6128, 7.2190

Details

The XYZ color **14.6541, 16.7263, 14.7681** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5473, 14.0369, 18.7731**, and the grayscale version is **15.3839, 16.1850, 17.6255**.

A 20% lighter version of the original color is **33.7601, 37.8110, 35.2247**, and **4.5976, 5.4524, 4.3001** is the 20% darker color. If you saturate the color by 10%, you get **13.2097, 16.0438, 11.9181**, and if you desaturate by 10%, it is **16.2708, 17.4892, 18.0530**.

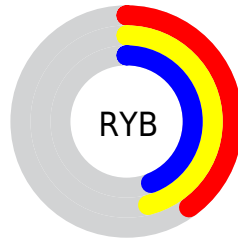
Distribution



Red (42%)

Green (46%)

Blue (40%)



Red (40%)

Yellow (46%)

Blue (44%)

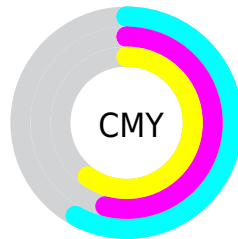


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6541, 16.7263, 14.7681 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 14.6541, 16.7263, 14.7681 by changing the saturation by 10% instead.

■ 14.6541, 16.7263,
14.7681

■ 14.6541, 16.7263,
14.7681

214.6931,
233.5902, 233.5505

■ 8.6617, 10.0395,
8.5120

■ 33.8219, 37.8546,
35.1824

■ 4.5765, 5.4252,
4.3318

■ 47.7280, 53.0649,
50.1776

■ 2.0332, 2.4988,
1.8091

■ 65.0027, 71.8852,
68.9230

■ 0.6525, 0.8761,
0.4339

■ 86.0114, 94.6999,
91.8370

■ 0.0000, 0.0000,
0.0000

111.1194,
121.8933, 119.3382

140.6922,

153.8499, 151.8452

175.0949,
190.9541, 189.7764

■ 14.6541, 16.7263,
14.7681

■ 14.6541, 16.7263,
14.7681

■ 13.2097, 16.0438,
11.9181

■ 16.2708, 17.4892,
18.0530

■ 11.9303, 15.4368,
9.4837

■ 18.0639, 18.3328,
21.7887

■ 10.8101, 14.9032,
7.4457

■ 20.0394, 19.2601,
25.9919

■ 9.8425, 14.4402,
5.7832

■ 22.2022, 20.2736,
30.6780

■ 9.0203, 14.0445,
4.4731

■ 24.5572, 21.3754,
35.8615

■ 8.3357, 13.7126,
3.4900

■ 27.1092, 22.5676,
41.5566

■ 7.7801, 13.4408,
2.8048

■ 29.8627, 23.8523,
47.7768

■ 7.3425, 13.2242,
2.3780

■ 32.8221, 25.2314,
54.5351

■ 7.1087, 13.1084,
2.1555

■ 35.9917, 26.7068,
61.8440

Harmonies

Analogous

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



15.4396, 16.7263, 13.6369



14.6541, 16.7263, 14.7681



14.2111, 16.7263, 16.8822

Triad

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



14.6541, 16.7263, 14.7681



15.4264, 16.7263, 23.6986



17.7170, 16.7263, 16.9187

Complementary

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



14.6541, 16.7263, 14.7681



14.5473, 14.0369, 18.7731

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.



17.7131, 16.7263, 19.6101



14.6541, 16.7263, 14.7681



16.3651, 16.7263, 23.7108

Square

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



14.6541, 16.7263, 14.7681



14.6448, 16.7263, 22.1218



17.2100, 16.7263, 22.1538



17.2204, 16.7263, 14.7925

Rectangle

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



14.6541, 16.7263, 14.7681



14.1579, 16.7263, 18.6485



17.2100, 16.7263, 22.1538



17.7748, 16.7263, 17.7826

Sweetspot

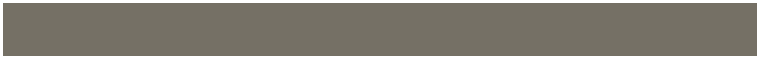
The Sweet Spot groups the original color and five complimentary colors.



14.6546, 16.7270, 14.7685



29.0048, 31.2553, 32.0586



15.4726, 16.2958, 14.6421



6.6249, 7.1655, 7.2809



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.



14.6546, 16.7270, 14.7685



25.5026, 29.6031, 24.9718



14.2239, 16.4881, 15.5122



3.7384, 4.1486, 3.9460



7.8171, 14.4342, 2.3741



37.3029, 69.9321, 11.5322

Inverse Universe

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



14.5473, 14.0369, 18.7731



25.2760, 23.9260, 33.4230



15.0315, 14.3061, 17.9093



3.7206, 3.7033, 4.6089



7.2079, 3.3072, 18.8010



34.2137, 15.6463, 91.5771

Previews

White Background



This preview shows how the XYZ color 14.6541, 16.7263, 14.7681 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 14.6541, 16.7263, 14.7681 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

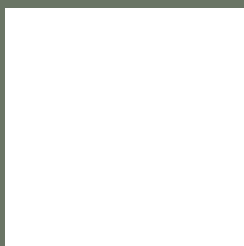
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6541, 16.7263, 14.7681

Background



This preview shows how black text looks on a background with the XYZ color 14.6541, 16.7263, 14.7681.

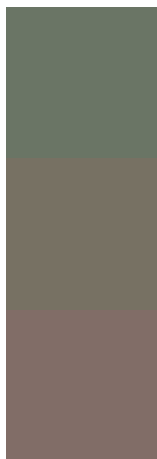


This preview shows how white text looks on a background with the XYZ color 14.6541, 16.7263, 14.7681.

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

14.6541, 16.7263, 14.7681

Protanopia

15.7650, 16.6330, 14.1840

Deuteranopia

16.9701, 16.5837, 15.1385



Tritanopia

15.8991, 16.7159, 21.1274

Trichromacy



Original Color

14.6541, 16.7263, 14.7681

Protanomaly

15.2570, 16.5321, 14.4435

Deuteranomaly

16.0776, 16.6126, 14.9295

Tritanomaly

15.4096, 16.6874, 18.6285

Monochromacy



Original Color

14.6541, 16.7263, 14.7681

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1545, 16.4323, 16.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6541, 16.7263, 14.7681 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(106, 117, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 101)  
}
```

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(106, 117, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.6541, 16.7263, 14.7681 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(106, 117, 101) }
```


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

```
.border{ border-color:rgb(106, 117, 101) }
```

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

Here you see how a box with a 4 pixel rgb(106, 117, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 101);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6541, 16.7263, 14.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 101) }
```

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

```
.background{ background-color: rgb(106,  
117, 101) }
```

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