

Converting Colors

XYZ(14.8000, 15.8290, 21.5365)

Have a look what the booklet for
XYZ(14.8000, 15.8290, 21.5365)
contains.

XYZ(14.8627, 15.8357, 21.6753)	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(14.8627, 15.8357,
21.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	65707D
RGB	101, 112, 125
RGB Percent	40%, 44%, 49%
CMY	0.6039, 0.5608, 0.5098
CMYK	0.19, 0.10, 0.00, 0.51
HSL	212°, 11%, 44%
HSV	212°, 19%, 49%
XYZ	14.8627, 15.8357, 21.6753
YIQ	110.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

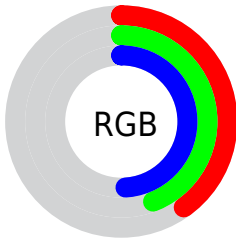
Format	Color
R_{YB}	101, 109, 125
Decimal	6647933
CIE Lab	46.76, -1.13, -8.58
CIE LCh	47, 8.650, 262.461
Yxy	15.8357, 0.2838, 0.3024
Android (android.graphics.Color)	4284838013 (0xFF65707D)
YUV	110.1930, 7.2999, -8.0623
Hunter-Lab	39.7941, -2.9717, -4.4386

Details

The XYZ color **14.8627, 15.8357, 21.6753** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8240, 17.3343, 14.7715**, and the grayscale version is **14.8587, 15.6325, 17.0238**.

A 20% lighter version of the original color is **34.2602, 36.4407, 47.3475**, and **4.6592, 4.9729, 7.5518** is the 20% darker color. If you saturate the color by 10%, you get **12.8491, 13.7304, 21.3753**, and if you desaturate by 10%, it is **17.1463, 18.1644, 22.0047**.

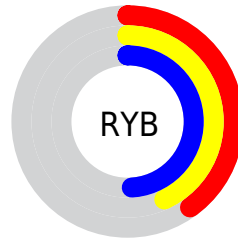
Distribution



Red (40%)

Green (44%)

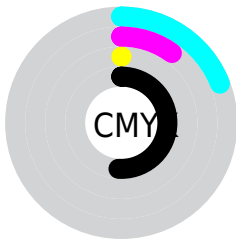
Blue (49%)



Red (40%)

Yellow (43%)

Blue (49%)

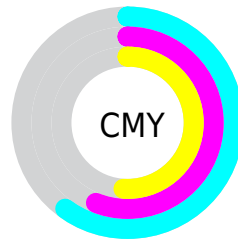


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8627, 15.8357, 21.6753 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 14.8627, 15.8357, 21.6753 by changing the saturation by 10% instead.

■ 14.8627, 15.8357,
21.6753

■ 14.8627, 15.8357,
21.6753

215.9386,
228.3703, 273.7439

■ 8.8088, 9.4080,
13.4225

■ 34.1858, 36.3127,
47.1040

■ 4.6728, 5.0082,
7.5860

■ 48.1856, 51.1308,
65.1170

■ 2.0893, 2.2521,
3.7472

■ 65.5648, 69.5145,
87.2205

■ 0.6834, 0.7482,
1.4877

■ 86.6887, 91.8481,
113.8330

■ 0.0000, 0.0000,
0.2088

111.9227,
118.5161, 145.3730

■ 0.0000, 0.0000,
0.0000

141.6321,

149.9029, 182.2592

176.1823,
186.3928, 224.9099

■ 14.8627, 15.8357,
21.6753

■ 14.8627, 15.8357,
21.6753

■ 12.8491, 13.7304,
21.3753

■ 17.1463, 18.1644,
22.0047

■ 11.0933, 11.8393,
21.1028

■ 19.7087, 20.7216,
22.3632

■ 9.5843, 10.1550,
20.8573

■ 22.5600, 23.5145,
22.7520

■ 8.3093, 8.6691,
20.6377

■ 25.7094, 26.5497,
23.1719

■ 7.2548, 7.3726,
20.4430

■ 29.1654, 29.8331,
23.6235

■ 6.4053, 6.2553,
20.2721

■ 32.9366, 33.3708,
24.1076

■ 5.7432, 5.3061,
20.1238

■ 37.0309, 37.1682,
24.6248

■ 5.2192, 4.4971,
19.9953

■ 41.4560, 41.2310,
25.1757

■ 5.1796, 4.4364,
19.9856

■ 46.2195, 45.5645,
25.7611

Harmonies

Analogous

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



14.1886, 15.8357, 20.7336



14.8627, 15.8357, 21.6753



15.6098, 15.8357, 21.3532

Triad

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



14.8627, 15.8357, 21.6753



16.4255, 15.8357, 15.7103



13.9352, 15.8357, 14.8435

Complementary

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



14.8627, 15.8357, 21.6753



16.8240, 17.3343, 14.7715

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.



14.5064, 15.8357, 13.6962



14.8627, 15.8357, 21.6753



15.9484, 15.8357, 14.1669

Square

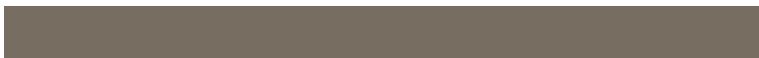
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.8627, 15.8357, 21.6753



16.5286, 15.8357, 17.7907



15.2416, 15.8357, 13.4592



13.6648, 15.8357, 16.7055

Rectangle

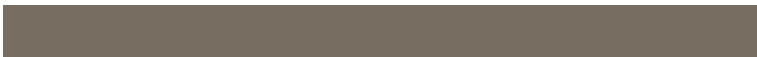
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.8627, 15.8357, 21.6753



16.0473, 15.8357, 20.4766



15.2416, 15.8357, 13.4592



14.0975, 15.8357, 14.3681

Sweetspot

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



14.8632, 15.8364, 21.6757



32.0520, 33.8820, 39.5949



15.7267, 18.6446, 18.6302



7.2399, 7.6560, 8.9992



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.8632, 15.8364, 21.6757



24.9864, 26.6674, 38.5748



13.8126, 13.6016, 21.2997



4.2586, 4.5112, 5.4596



5.3989, 4.6163, 20.8564



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0362, 14.8376, 17.3487



27.5113, 24.6228, 29.2375



18.0240, 19.9071, 15.2049



4.4034, 4.3745, 4.9285



9.6021, 4.8605, 4.4944



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8627, 15.8357, 21.6753 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 14.8627, 15.8357, 21.6753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

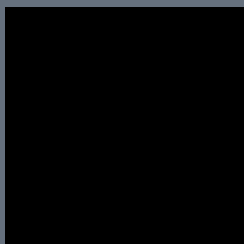
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

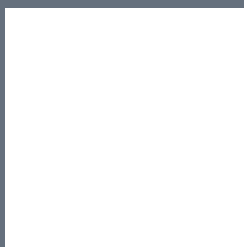
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8627, 15.8357, 21.6753

Background



This preview shows how black text looks on a background with the XYZ color 14.8627, 15.8357, 21.6753.

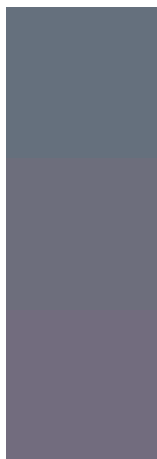


This preview shows how white text looks on a background with the XYZ color 14.8627, 15.8357,

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

14.8627, 15.8357, 21.6753

Protanopia

15.5207, 15.8583, 21.3117

Deuteranopia

16.0679, 15.8089, 21.9432



Tritanopia

14.6735, 15.9247, 20.7128

Trichromacy



Original Color

14.8627, 15.8357, 21.6753

Protanomaly

15.2664, 15.8883, 21.3309

Deuteranomaly

15.5412, 15.6948, 21.9490

Tritanomaly

14.7358, 15.9496, 21.0408

Monochromacy



Original Color

14.8627, 15.8357, 21.6753

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8424, 15.7325, 18.4741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8627, 15.8357, 21.6753 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(101, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(101, 112, 125)  
}
```

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(101, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 112, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.8627, 15.8357, 21.6753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

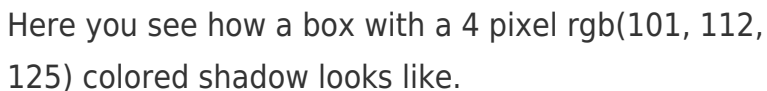
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 112, 125) }
```


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

```
.border{ border-color:rgb(101, 112, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(101, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 112, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 112, 125); box-shadow:4px 4px 4px 4px rgb(101, 112, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8627, 15.8357, 21.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 112, 125) }
```

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

```
.background{ background-color: rgb(101,  
112, 125) }
```

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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