

Converting Colors

XYZ(14.8646, 16.1679, 21.7393)

Have a look what the booklet for
XYZ(14.8646, 16.1679, 21.7393)
contains.

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Color

**XYZ(14.8646, 16.1679,
21.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	63727D
RGB	99, 114, 125
RGB Percent	39%, 45%, 49%
CMY	0.6118, 0.5529, 0.5098
CMYK	0.21, 0.09, 0.00, 0.51
HSL	205°, 12%, 44%
HSV	205°, 21%, 49%
XYZ	14.8646, 16.1679, 21.7393
YIQ	110.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

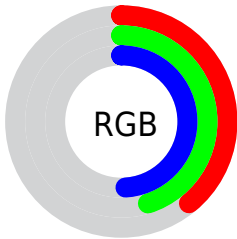
Format	Color
R_{YB}	99, 109, 125
Decimal	6517373
CIE _{Lab}	47.19, -3.00, -7.94
CIE _{LCh}	47, 8.487, 249.286
Y _{xy}	16.1679, 0.2817, 0.3064
Android (android.graphics.Color)	4284707453 (0xFF63727D)
YUV	110.7690, 7.0159, -10.3214
Hunter-Lab	40.2093, -4.3784, -3.9088

Details

The XYZ color **14.8646, 16.1679, 21.7393** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2858, 16.4129, 14.1145**, and the grayscale version is **15.0258, 15.8083, 17.2153**.

A 20% lighter version of the original color is **34.2498, 36.9708, 47.4504**, and **4.6689, 5.1483, 7.5851** is the 20% darker color. If you saturate the color by 10%, you get **13.0240, 14.3594, 21.4875**, and if you desaturate by 10%, it is **16.9520, 18.1557, 22.0132**.

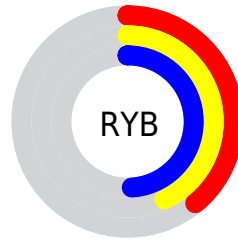
Distribution



Red (39%)

Green (45%)

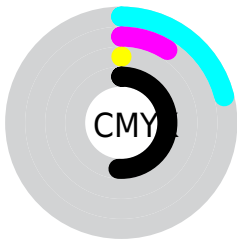
Blue (49%)



Red (39%)

Yellow (43%)

Blue (49%)

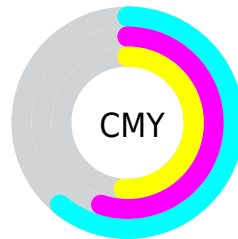


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8646, 16.1679, 21.7393 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 14.8646, 16.1679, 21.7393 by changing the saturation by 10% instead.

■ 14.8646, 16.1679,
21.7393

■ 14.8646, 16.1679,
21.7393

215.9499,
230.3304, 274.0907

■ 8.8101, 9.6430,
13.4690

■ 34.1891, 36.8894,
47.2114

■ 4.6736, 5.1629,
7.6178

■ 48.1898, 51.8549,
65.2502

■ 2.0899, 2.3432,
3.7671

■ 65.5699, 70.4027,
87.3824

■ 0.6837, 0.7964,
1.4985

■ 86.6949, 92.9172,
114.0263

■ 0.0000, 0.0000,
0.2168

111.9300,
119.7829, 145.6005

■ 0.0000, 0.0000,
0.0000

141.6406,

151.3840, 182.5237

176.1921,
188.1051, 225.2142

■ 14.8646, 16.1679,
21.7393

■ 14.8646, 16.1679,
21.7393

■ 13.0240, 14.3594,
21.4875

■ 16.9520, 18.1557,
22.0132

■ 11.4186, 12.7221,
21.2561

■ 19.2946, 20.3266,
22.3088

■ 10.0378, 11.2500,
21.0447

■ 21.9017, 22.6868,
22.6269

■ 8.8696, 9.9361,
20.8527

■ 24.7821, 25.2416,
22.9682

■ 7.9008, 8.7726,
20.6792

■ 27.9440, 27.9958,
23.3332

■ 7.1164, 7.7508,
20.5233

■ 31.3952, 30.9545,
23.7224

■ 6.4993, 6.8610,
20.3841

■ 35.1434, 34.1221,
24.1363

■ 6.0268, 6.1309,
20.2680

■ 39.1956, 37.5032,
24.5753

■ 43.5590, 41.1021,
25.0400

Harmonies

Analogous

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



14.2819, 16.1679, 20.3396



14.8646, 16.1679, 21.7393



15.6001, 16.1679, 21.9843

Triad

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



14.8646, 16.1679, 21.7393



16.8288, 16.1679, 16.9486



14.4754, 16.1679, 14.6080

Complementary

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



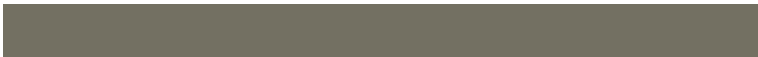
14.8646, 16.1679, 21.7393



16.2858, 16.4129, 14.1145

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.



15.1365, 16.1679, 13.8482



14.8646, 16.1679, 21.7393



16.5060, 16.1679, 15.1255

Square

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



14.8646, 16.1679, 21.7393



16.7503, 16.1679, 19.0997



15.8808, 16.1679, 14.0296



14.0623, 16.1679, 16.1887

Rectangle

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



14.8646, 16.1679, 21.7393



16.0806, 16.1679, 21.4415



15.8808, 16.1679, 14.0296



14.6751, 16.1679, 14.2542

Sweetspot

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



14.8651, 16.1686, 21.7397



32.2509, 34.2797, 39.6612



15.2850, 18.4424, 17.4589



7.2887, 7.7535, 9.0155



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.



14.8651, 16.1686, 21.7397



24.9812, 27.3576, 38.7082



13.5176, 13.4736, 21.2905



4.2987, 4.5914, 5.4729



6.2831, 6.3846, 21.1512



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9570, 14.4990, 17.8778



27.3376, 23.8986, 30.3416



17.7722, 19.3857, 14.6100



4.4236, 4.3826, 5.0352



10.0484, 5.0390, 6.8445



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8646, 16.1679, 21.7393 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 14.8646, 16.1679, 21.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

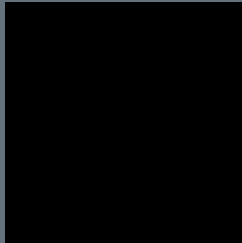
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

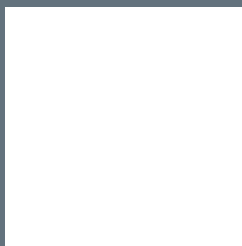
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8646, 16.1679, 21.7393

Background



This preview shows how black text looks on a background with the XYZ color 14.8646, 16.1679, 21.7393.

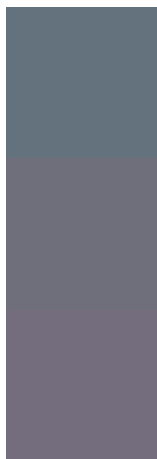


This preview shows how white text looks on a background with the XYZ color 14.8646, 16.1679,

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

14.8646, 16.1679, 21.7393

Protanopia

15.6900, 16.1139, 21.0222

Deuteranopia

16.4370, 16.1566, 21.9909



Tritanopia

14.7381, 16.1173, 21.0731

Trichromacy



Original Color

14.8646, 16.1679, 21.7393

Protanomaly

15.3761, 16.1077, 21.3675

Deuteranomaly

15.8807, 16.1902, 22.0267

Tritanomaly

14.8010, 16.1425, 21.4045

Monochromacy



Original Color

14.8646, 16.1679, 21.7393

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0100, 15.9751, 18.8154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8646, 16.1679, 21.7393 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(99, 114, 125) looks like.

```
.text, #text, p{  
    color:rgb(99, 114, 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(99, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.8646, 16.1679, 21.7393 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(99, 114, 125) }
```


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

```
.border{ border-color:rgb(99, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(99, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8646, 16.1679, 21.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 114, 125) }
```

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

```
.background{ background-color: rgb(99, 114,  
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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