

Converting Colors

XYZ(14.9755, 16.4069, 20.5173)

Have a look what the booklet for
XYZ(14.9755, 16.4069, 20.5173)
contains.

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Color

**XYZ(14.9488, 16.4086,
20.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	657379
RGB	101, 115, 121
RGB Percent	40%, 45%, 47%
CMY	0.6039, 0.5490, 0.5255
CMYK	0.17, 0.05, 0.00, 0.53
HSL	198°, 9%, 44%
HSV	198°, 17%, 47%
XYZ	14.9488, 16.4086, 20.4685
YIQ	111.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

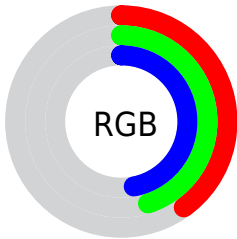
Format	Color
R_{YB}	101, 109, 121
Decimal	6648697
CIE _{Lab}	47.51, -3.84, -5.08
CIE _{LCh}	48, 6.365, 232.903
Yxy	16.4086, 0.2884, 0.3166
Android (android.graphics.Color)	4284838777 (0xFF657379)
YUV	111.4980, 4.6845, -9.2067
Hunter-Lab	40.5075, -5.0150, -1.6040

Details

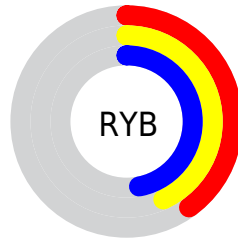
The XYZ color **14.9488, 16.4086, 20.4685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4921, 15.5202, 14.4916**, and the grayscale version is **15.2436, 16.0374, 17.4648**.

A 20% lighter version of the original color is **34.3104, 37.3300, 44.9322**, and **4.7311, 5.2796, 7.0730** is the 20% darker color. If you saturate the color by 10%, you get **13.2869, 14.9499, 20.2748**, and if you desaturate by 10%, it is **16.8275, 18.0041, 20.6777**.

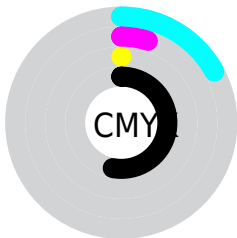
Distribution



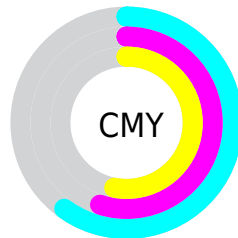
- Red (40%)
- Green (45%)
- Blue (47%)



- Red (40%)
- Yellow (43%)
- Blue (47%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9488, 16.4086, 20.4685 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 14.9488, 16.4086, 20.4685 by changing the saturation by 10% instead.

■ 14.9488, 16.4086,
20.4685

■ 14.9488, 16.4086,
20.4685

216.4506,
231.7409, 267.1278

■ 8.8695, 9.8137,
12.5486

■ 34.3357, 37.3061,
45.0705

■ 4.7126, 5.2756,
6.9914

■ 48.3741, 52.3776,
62.5897

■ 2.1127, 2.4099,
3.3784

■ 65.7962, 71.0433,
84.1458

■ 0.6961, 0.8310,
1.2909

■ 86.9675, 93.6878,
110.1573

■ 0.0000, 0.0000,
0.0543

112.2532,
120.6954, 141.0427

■ 0.0000, 0.0000,
0.0000

142.0187,

152.4505, 177.2205

176.6294,
189.3375, 219.1094

■ 14.9488, 16.4086,
20.4685

■ 14.9488, 16.4086,
20.4685

■ 13.2869, 14.9499,
20.2748

■ 16.8275, 18.0041,
20.6777

■ 11.8314, 13.6211,
20.0950

■ 18.9299, 19.7390,
20.9018

■ 10.5733, 12.4177,
19.9291

■ 21.2643, 21.6182,
21.1415

■ 9.5023, 11.3341,
19.7764

■ 23.8382, 23.6459,
21.3972

■ 8.6072, 10.3643,
19.6363

■ 26.6587, 25.8259,
21.6693

■ 7.8753, 9.5014,
19.5083

■ 29.7327, 28.1622,
21.9582

■ 7.2923, 8.7376,
19.3917

■ 33.0667, 30.6582,
22.2643

■ 6.8289, 8.0578,
19.2849

■ 36.6670, 33.3175,
22.5878

■ 6.6767, 7.8313,
19.2492

■ 40.5398, 36.1435,
22.9292

Harmonies

Analogous

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



14.6150, 16.4086, 19.1064



14.9488, 16.4086, 20.4685



15.4618, 16.4086, 21.1400

Triad

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



14.9488, 16.4086, 20.4685



16.7006, 16.4086, 18.2539



15.1763, 16.4086, 15.1469

Complementary

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



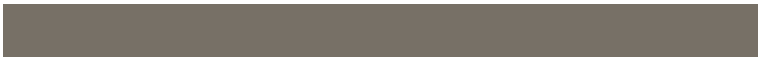
14.9488, 16.4086, 20.4685



15.4921, 15.5202, 14.4916

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.



15.7307, 16.4086, 14.9491



14.9488, 16.4086, 20.4685



16.6197, 16.4086, 16.6808

Square

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



14.9488, 16.4086, 20.4685



16.4799, 16.4086, 19.8123



16.2614, 16.4086, 15.4943



14.7441, 16.4086, 16.0519

Rectangle

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



14.9488, 16.4086, 20.4685



15.8401, 16.4086, 21.0788



16.2614, 16.4086, 15.4943



15.3542, 16.4086, 14.9978

Sweetspot

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



14.9493, 16.4093, 20.4689



30.6368, 32.6606, 37.0823



14.8410, 17.4964, 16.4135



6.9588, 7.4293, 8.4739



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.9493, 16.4093, 20.4689



25.5420, 28.3177, 36.5125



13.9041, 14.3189, 20.1205



4.0104, 4.3191, 5.0655



7.1449, 8.3722, 20.6247



33.3102, 38.3931, 98.1248

Inverse Universe

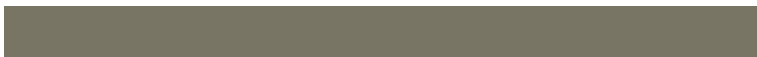
The Inverse Universe completely reimagines the original color for something new.



15.6338, 14.6106, 18.2165



27.0368, 24.4817, 31.5735



16.5570, 17.6500, 14.8466



4.1057, 4.0580, 4.7543



10.1897, 5.0520, 9.5560



48.2166, 23.9430, 43.5322

Previews

White Background



This preview shows how the XYZ color 14.9488, 16.4086, 20.4685 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 14.9488, 16.4086, 20.4685 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

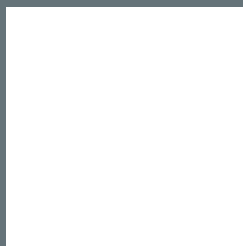
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9488, 16.4086, 20.4685

Background



This preview shows how black text looks on a background with the XYZ color 14.9488, 16.4086, 20.4685.

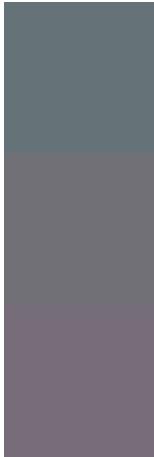


This preview shows how white text looks on a background with the XYZ color 14.9488, 16.4086,

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

14.9488, 16.4086, 20.4685

Protanopia

15.9340, 16.4310, 19.7844

Deuteranopia

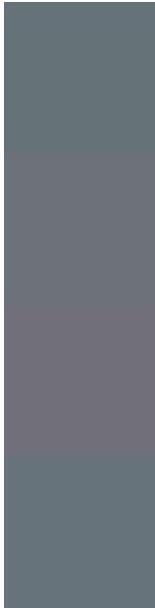
16.5892, 16.2644, 20.6773



Tritanopia

15.2483, 16.5415, 21.4579

Trichromacy



Original Color

14.9488, 16.4086, 20.4685

Protanomaly

15.6020, 16.4175, 20.1159

Deuteranomaly

15.8794, 16.2188, 20.7060

Tritanomaly

15.1854, 16.5163, 21.1265

Monochromacy



Original Color

14.9488, 16.4086, 20.4685

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9521, 15.9519, 18.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9488, 16.4086, 20.4685 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, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 115, 121)  
}
```

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, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 115, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.9488, 16.4086, 20.4685 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, 115, 121) }
```


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

```
.border{ border-color:rgb(101, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 115,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9488, 16.4086, 20.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 115, 121) }
```

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

```
.background{ background-color: rgb(101,  
115, 121) }
```

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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