

Converting Colors

XYZ(15.3677, 17.8106, 20.7827)

Have a look what the booklet for
XYZ(15.3677, 17.8106, 20.7827)
contains.

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Color

**XYZ(15.3405, 17.8409,
20.7243)**

Conversions

Conversions Part 1

Format	Color
Hex	617A79
RGB	97, 122, 121
RGB Percent	38%, 48%, 47%
CMY	0.6196, 0.5216, 0.5255
CMYK	0.20, 0.00, 0.01, 0.52
HSL	178°, 11%, 43%
HSV	178°, 20%, 48%
XYZ	15.3405, 17.8409, 20.7243
YIQ	114.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

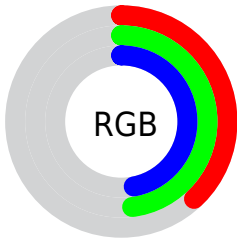
Format	Color
R_{YB}	97, 110, 122
Decimal	6388345
CIE Lab	49.30, -9.25, -2.45
CIE LCh	49, 9.566, 194.870
Yxy	17.8409, 0.2846, 0.3310
Android (android.graphics.Color)	4284578425 (0xFF617A79)
YUV	114.4110, 3.2484, -15.2694
Hunter-Lab	42.2385, -9.0884, 0.4763

Details

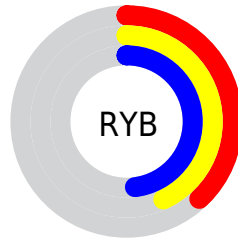
The XYZ color **15.3405, 17.8409, 20.7243** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5060, 13.5693, 13.4106**, and the grayscale version is **16.1118, 16.9509, 18.4595**.

A 20% lighter version of the original color is **34.8916, 39.5851, 45.3369**, and **4.9005, 5.9242, 7.1885** is the 20% darker color. If you saturate the color by 10%, you get **14.1095, 17.2102, 20.5110**, and if you desaturate by 10%, it is **16.7727, 18.5762, 20.9486**.

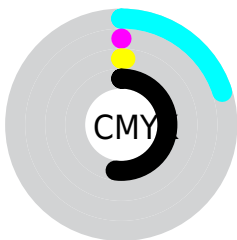
Distribution



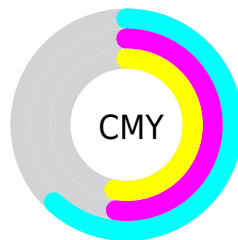
- Red (38%)
- Green (48%)
- Blue (47%)



- Red (38%)
- Yellow (43%)
- Blue (48%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3405, 17.8409, 20.7243 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 15.3405, 17.8409, 20.7243 by changing the saturation by 10% instead.

■ 15.3405, 17.8409,
20.7243

■ 15.3405, 17.8409,
20.7243

218.7658,
239.9727, 268.5424

■ 9.1466, 10.8358,
12.7333

■ 35.0162, 39.7660,
45.5031

■ 4.8948, 5.9565,
7.1166

■ 49.2287, 55.4549,
63.1279

■ 2.2198, 2.8187,
3.4556

■ 66.8447, 74.8071,
84.8012

■ 0.7531, 1.0378,
1.3317

■ 88.2297, 98.2071,
110.9414

■ 0.0000, 0.0000,
0.0876

113.7489,
126.0393, 141.9671

■ 0.0000, 0.0000,
0.0000

143.7677,

158.6880, 178.2968

178.6516,
196.5377, 220.3491

■ 15.3405, 17.8409,
20.7243

■ 15.3405, 17.8409,
20.7243

■ 14.1095, 17.2102,
20.5110

■ 16.7727, 18.5762,
20.9486

■ 13.0690, 16.6772,
20.3070

■ 18.4130, 19.4183,
21.1830

■ 12.2096, 16.2376,
20.1123

■ 20.2699, 20.3721,
21.4283

■ 11.5208, 15.8859,
19.9264

■ 22.3512, 21.4415,
21.6850

■ 10.9907, 15.6160,
19.7487

■ 24.6640, 22.6303,
21.9532

■ 10.6059, 15.4211,
19.5786

■ 27.2152, 23.9419,
22.2335

■ 10.3510, 15.2930,
19.4153

■ 30.0114, 25.3798,
22.5259

■ 10.1775, 15.2067,
19.2641

■ 33.0591, 26.9474,
22.8310

■ 36.3644, 28.6477,
23.1489

Harmonies

Analogous

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



15.3424, 17.8409, 18.1618



15.3405, 17.8409, 20.7243



15.7612, 17.8409, 23.1326

Triad

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



15.3405, 17.8409, 20.7243



18.2065, 17.8409, 23.1505



17.4125, 17.8409, 15.0272

Complementary

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



15.3405, 17.8409, 20.7243



14.5060, 13.5693, 13.4106

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.



18.2123, 17.8409, 16.1376



15.3405, 17.8409, 20.7243



18.6816, 17.8409, 20.7470

Square

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



15.3405, 17.8409, 20.7243



17.4048, 17.8409, 24.6152



18.6838, 17.8409, 18.1825



16.5174, 17.8409, 15.0222

Rectangle

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



15.3405, 17.8409, 20.7243



16.2336, 17.8409, 24.2622



18.6838, 17.8409, 18.1825



17.7021, 17.8409, 15.2789

Sweetspot

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



15.3410, 17.8416, 20.7247



30.7155, 33.3002, 37.0302



14.1818, 17.3934, 13.9195



6.9916, 7.5979, 8.4625



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.



15.3410, 17.8416, 20.7247



25.8381, 30.7976, 36.2652



14.1004, 15.2615, 20.6157



4.1005, 4.5098, 5.0629



10.7141, 16.0093, 20.2773



51.0298, 76.3349, 96.3155

Inverse Universe

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



14.5060, 13.5693, 13.4106



24.0664, 21.7319, 20.7459



15.5733, 15.7792, 13.5345



4.0042, 4.0174, 4.2198



8.4776, 4.3672, 0.5399



40.3635, 20.8017, 2.1781

Previews

White Background



This preview shows how the XYZ color 15.3405, 17.8409, 20.7243 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 15.3405, 17.8409, 20.7243 looks on a black 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

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

XYZ 15.3405, 17.8409, 20.7243

Background



This preview shows how black text looks on a background with the XYZ color 15.3405, 17.8409, 20.7243.



This preview shows how white text looks on a background with the XYZ color 15.3405, 17.8409,

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

15.3405, 17.8409, 20.7243

Protanopia

17.1232, 17.7207, 19.6575

Deuteranopia

18.0845, 17.6759, 21.1975



Tritanopia

16.0122, 17.9391, 23.7378

Trichromacy



Original Color

15.3405, 17.8409, 20.7243

Protanomaly

16.3638, 17.6683, 20.0006

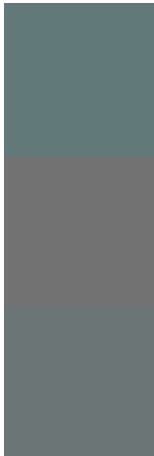
Deuteranomaly

16.8285, 17.5408, 20.9111

Tritanomaly

15.7051, 17.8037, 22.6874

Monochromacy



Original Color

15.3405, 17.8409, 20.7243

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7565, 17.1951, 19.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3405, 17.8409, 20.7243 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(97, 122, 121) looks like.

```
.text, #text, p{  
    color:rgb(97, 122, 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(97, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.3405, 17.8409, 20.7243 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(97, 122, 121) }
```


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

```
.border{ border-color:rgb(97, 122, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(97, 122,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3405, 17.8409, 20.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 122, 121) }
```

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

```
.background{ background-color: rgb(97, 122,  
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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