

Converting Colors

XYZ(17.0757, 15.2760, 20.0222)

Have a look what the booklet for
XYZ(17.0757, 15.2760, 20.0222)
contains.

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Color

**XYZ(17.1581, 15.3550,
20.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	816579
RGB	129, 101, 121
RGB Percent	51%, 40%, 47%
CMY	0.4941, 0.6039, 0.5255
CMYK	0.00, 0.22, 0.06, 0.49
HSL	317°, 12%, 45%
HSV	317°, 22%, 51%
XYZ	17.1581, 15.3550, 20.1486
YIQ	111.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

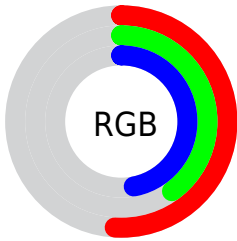
Format	Color
R_{YB}	129, 101, 121
Decimal	8480121
CIE Lab	46.12, 14.84, -6.87
CIE LCh	46, 16.354, 335.150
Yxy	15.3550, 0.3258, 0.2916
Android (android.graphics.Color)	4286670201 (0xFF816579)
YUV	111.6520, 4.6086, 15.2142
Hunter-Lab	39.1855, 9.5851, -3.0562

Details

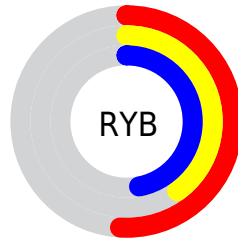
The XYZ color **17.1581, 15.3550, 20.1486** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9780, 19.5717, 17.4045**, and the grayscale version is **15.2845, 16.0805, 17.5116**.

A 20% lighter version of the original color is **38.0625, 35.4187, 44.3655**, and **5.7133, 4.7685, 6.7502** is the 20% darker color. If you saturate the color by 10%, you get **15.7809, 12.9554, 18.5956**, and if you desaturate by 10%, it is **18.7414, 18.1527, 21.8133**.

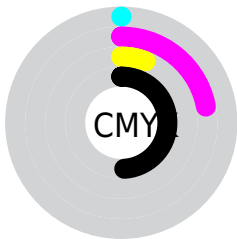
Distribution



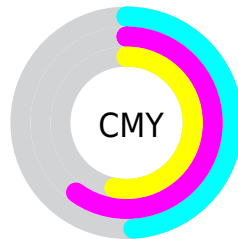
- Red (51%)
- Green (40%)
- Blue (47%)



- Red (51%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1581, 15.3550, 20.1486 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 17.1581, 15.3550, 20.1486 by changing the saturation by 10% instead.

■ 17.1581, 15.3550,
20.1486

■ 17.1581, 15.3550,
20.1486

229.2203,
225.5050, 265.3492

■ 10.4433, 9.0689,
12.3180

■ 38.1388, 35.4748,
44.5284

■ 5.7584, 4.7862,
6.8354

■ 53.1355, 50.0772,
61.9147

■ 2.7380, 2.1223,
3.2825

■ 71.6234, 68.2206,
83.3232

■ 1.0168, 0.6771,
1.2406

■ 93.9680, 90.2893,
109.1726

■ 0.0000, 0.0000,
0.0124

120.5347,
116.6677, 139.8814

■ 0.0000, 0.0000,
0.0000

151.6887,

147.7402, 175.8680

187.7955,
183.8911, 217.5511

■ 17.1581, 15.3550,
20.1486

■ 17.1581, 15.3550,
20.1486

■ 15.7809, 12.9554,
18.5956

■ 18.7414, 18.1527,
21.8133

■ 14.5994, 10.9334,
17.1498

■ 20.5382, 21.3635,
23.5920

■ 13.6038, 9.2700,
15.8077

■ 22.5570, 25.0044,
25.4883

■ 12.7834, 7.9436,
14.5652

■ 24.8056, 29.0904,
27.5051

■ 12.1262, 6.9303,
13.4177

■ 27.2912, 33.6362,
29.6455

■ 11.6184, 6.2028,
12.3603

■ 30.0209, 38.6555,
31.9120

■ 11.2442, 5.7296,
11.3871

■ 33.0014, 44.1618,
34.3074

■ 10.9912, 5.4423,
10.6285

■ 36.2391, 50.1676,
36.8343

■ 39.7402, 56.6853,
39.4951

Harmonies

Analogous

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



16.1889, 15.3550, 23.7957



17.1581, 15.3550, 20.1486



17.4233, 15.3550, 16.0409

Triad

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



17.1581, 15.3550, 20.1486



14.3557, 15.3550, 10.1923



12.5152, 15.3550, 21.5273

Complementary

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



17.1581, 15.3550, 20.1486



15.9780, 19.5717, 17.4045

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.



12.0897, 15.3550, 17.4159



17.1581, 15.3550, 20.1486



13.1084, 15.3550, 11.2060

Square

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



17.1581, 15.3550, 20.1486



15.7474, 15.3550, 10.6877



12.2998, 15.3550, 13.7025



13.4992, 15.3550, 24.6762

Rectangle

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



17.1581, 15.3550, 20.1486



17.1515, 15.3550, 13.6707



12.2998, 15.3550, 13.7025



12.3051, 15.3550, 20.1897

Sweetspot

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



17.1586, 15.3557, 20.1489



34.9736, 35.0235, 40.4826



14.9153, 14.1402, 22.7122



7.8844, 7.8708, 9.1316



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.1586, 15.3557, 20.1489



29.4717, 25.3027, 34.6929



16.3648, 15.0382, 15.9692



4.4474, 4.3921, 5.1605



10.7183, 5.3070, 10.3724



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1586, 15.3557, 20.1489



29.4717, 25.3027, 34.6929



16.7886, 19.8959, 21.6728



4.4474, 4.3921, 5.1605



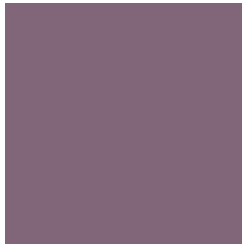
10.7183, 5.3070, 10.3724



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1581, 15.3550, 20.1486 looks on a white background.

Color Contrast Check

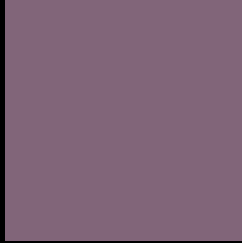
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1581, 15.3550, 20.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

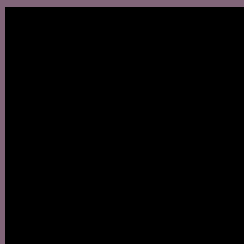
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1581, 15.3550, 20.1486

Background



This preview shows how black text looks on a background with the XYZ color 17.1581, 15.3550, 20.1486.



This preview shows how white text looks on a background with the XYZ color 17.1581, 15.3550,

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

17.1581, 15.3550, 20.1486

Protanopia

15.1784, 15.5078, 21.9320

Deuteranopia

15.6144, 15.3090, 19.9013



Tritanopia

16.6216, 15.4374, 17.1426

Trichromacy



Original Color

17.1581, 15.3550, 20.1486

Protanomaly

15.7316, 15.3407, 21.2007

Deuteranomaly

16.0862, 15.2498, 19.8650

Tritanomaly

16.7480, 15.3297, 18.2959

Monochromacy



Original Color

17.1581, 15.3550, 20.1486

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9283, 15.8145, 18.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1581, 15.3550, 20.1486 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(129, 101, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 101, 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(129, 101, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 101, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.1581, 15.3550, 20.1486 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(129, 101, 121) }
```


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

```
.border{ border-color:rgb(129, 101, 121) }
```

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

Here you see how a box with a 4 pixel rgb(129, 101, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 101, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 101, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 101,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1581, 15.3550, 20.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 101, 121) }
```

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

```
.background{ background-color: rgb(129,  
101, 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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