

Converting Colors

XYZ(26.0130, 21.2420, 18.6880)

Have a look what the booklet for
XYZ(26.0130, 21.2420, 18.6880)
contains.

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Color

**XYZ(25.9615, 21.1509,
18.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6D72
RGB	174, 109, 114
RGB Percent	68%, 43%, 45%
CMY	0.3176, 0.5725, 0.5529
CMYK	0.00, 0.37, 0.34, 0.32
HSL	355°, 29%, 55%
HSV	355°, 37%, 68%
XYZ	25.9615, 21.1509, 18.6338
YIQ	129.0050, 37.1350, 15.3350

Conversions

Conversions Part 2

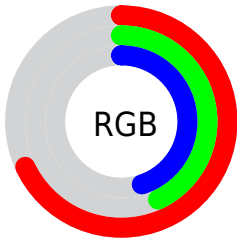
Format	Color
R_{YB}	174, 109, 114
Decimal	11431282
CIE Lab	53.11, 26.51, 8.12
CIE LCh	53, 27.725, 17.037
Yxy	21.1509, 0.3949, 0.3217
Android (android.graphics.Color)	4289621362 (0xFFAE6D72)
YUV	129.0050, -7.3975, 39.4606
Hunter-Lab	45.9901, 20.2809, 8.1706

Details

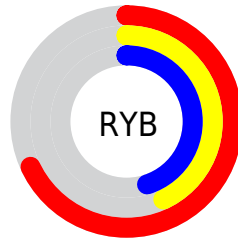
The XYZ color **25.9615, 21.1509, 18.6338** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6052, 36.3884, 43.0542**, and the grayscale version is **20.8845, 21.9722, 23.9277**.

A 20% lighter version of the original color is **52.5828, 45.2318, 42.0356**, and **10.2070, 7.5470, 6.0730** is the 20% darker color. If you saturate the color by 10%, you get **23.4503, 17.4654, 13.6752**, and if you desaturate by 10%, it is **29.0019, 25.6376, 24.5614**.

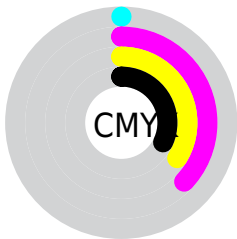
Distribution



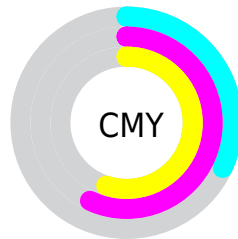
- Red (68%)
- Green (43%)
- Blue (45%)



- Red (68%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (32%)





- Cyan (32%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9615, 21.1509, 18.6338 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 25.9615, 21.1509, 18.6338 by changing the saturation by 10% instead.

 25.9615, 21.1509,
18.6338


 25.9615, 21.1509,
18.6338


274.8532,
258.0794, 256.7746


 16.9274, 13.2343,
11.2318


 52.6446, 45.3385,
41.9428


 10.2777, 7.5901,
6.1069


 71.0242, 62.3784,
58.6869

 5.6471, 3.8338,
2.8403

 93.2498, 83.2282,
79.3822

 2.6703, 1.5810,
1.0137

 119.6865,
108.2723, 104.4472

 0.9819, 0.3448,
0.0000

150.6999,
137.8950, 134.3003

 0.0000, 0.0000,
0.0000

186.6553,

172.4809, 169.3603

227.9179,
212.4142, 210.0455

■ 25.9615, 21.1509,
18.6338

■ 25.9615, 21.1509,
18.6338

■ 23.4503, 17.4654,
13.6752

■ 29.0019, 25.6376,
24.5614

■ 21.4363, 14.5309,
9.6328

■ 32.5974, 30.9654,
31.5044

■ 19.8870, 12.2968,
6.4508


■ 36.7747, 37.1754,
39.5077


■ 18.7648, 10.7046,
4.0667


■ 41.5577, 44.3052,
48.6131


■ 18.0269, 9.6864,
2.4094


■ 46.9695, 52.3899,
58.8604


 17.6117, 9.1411,
1.3925

 53.0316, 61.4631,
70.2872

 17.5307, 9.0287,
1.2123

 59.7647, 71.5565,
82.9293

 67.1885, 82.7006,
96.8212

 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



26.0842, 21.1509, 26.8271



25.9615, 21.1509, 18.6338



24.1763, 21.1509, 13.1556

Triad

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



25.9615, 21.1509, 18.6338



16.2693, 21.1509, 13.7197



18.8703, 21.1509, 42.5151

Complementary

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



25.9615, 21.1509, 18.6338



28.6052, 36.3884, 43.0542

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.



16.5155, 21.1509, 36.9096



25.9615, 21.1509, 18.6338



15.1146, 21.1509, 19.6087

Square

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



25.9615, 21.1509, 18.6338



18.5032, 21.1509, 10.8259



15.2001, 21.1509, 28.0678



21.7930, 21.1509, 42.0715

Rectangle

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



25.9615, 21.1509, 18.6338



22.3735, 21.1509, 11.1732



15.2001, 21.1509, 28.0678



17.9921, 21.1509, 41.2278

Sweetspot

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



25.9621, 21.1519, 18.6342



63.6675, 62.9121, 65.8543



29.3822, 22.3834, 42.8163



13.9265, 13.6493, 14.2071



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9621, 21.1519, 18.6342



43.1850, 32.6295, 26.0940



29.0325, 27.7355, 18.2927



8.0293, 8.0250, 8.4651



12.7244, 6.5523, 0.9281



0.3619, 0.1854, 0.0674

Inverse Universe

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



25.9621, 21.1519, 18.6342



43.1850, 32.6295, 26.0940



24.3684, 27.1497, 44.0006



8.0293, 8.0250, 8.4651



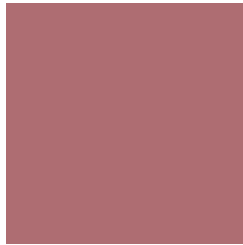
12.7244, 6.5523, 0.9281



0.3619, 0.1854, 0.0674

Previews

White Background



This preview shows how the XYZ color 25.9615, 21.1509, 18.6338 looks on a white background.

Color Contrast Check

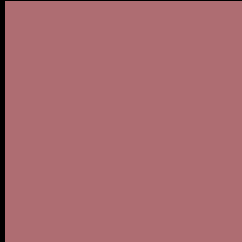
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.9615, 21.1509, 18.6338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

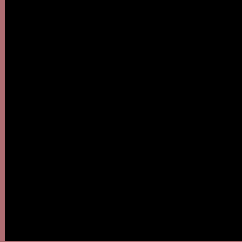
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9615, 21.1509, 18.6338

Background



This preview shows how black text looks on a background with the XYZ color 25.9615, 21.1509, 18.6338.



This preview shows how white text looks on a background with the XYZ color 25.9615, 21.1509,

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

25.9615, 21.1509, 18.6338

Protanopia

20.3704, 21.3546, 21.7871

Deuteranopia

21.6846, 21.3555, 18.3084



Tritanopia

26.1351, 21.2203, 19.5481

Trichromacy



Original Color

25.9615, 21.1509, 18.6338

Protanomaly

21.9607, 20.9000, 20.6459

Deuteranomaly

23.1694, 21.2170, 18.4969

Tritanomaly

26.0766, 21.1969, 19.2400

Monochromacy



Original Color

25.9615, 21.1509, 18.6338

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2747, 21.3940, 22.0242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9615, 21.1509, 18.6338 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(174, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(174, 109, 114)  
}
```

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(174, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 109, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.9615, 21.1509, 18.6338 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(174, 109, 114) }
```


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

```
.border{ border-color:rgb(174, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(174, 109,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9615, 21.1509, 18.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 109, 114) }
```

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

```
.background{ background-color: rgb(174,  
109, 114) }
```

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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