

Converting Colors

XYZ(25.0895, 21.5551, 24.6379)

Have a look what the booklet for
XYZ(25.0895, 21.5551, 24.6379)
contains.

XYZ(25.1959, 21.6088, 24.6727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.1959, 21.6088,
24.6727)**

Conversions

Conversions Part 1

Format	Color
Hex	A27384
RGB	162, 115, 132
RGB Percent	64%, 45%, 52%
CMY	0.3647, 0.5490, 0.4824
CMYK	0.00, 0.29, 0.19, 0.36
HSL	338°, 20%, 54%
HSV	338°, 29%, 64%
XYZ	25.1959, 21.6088, 24.6727
YIQ	130.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

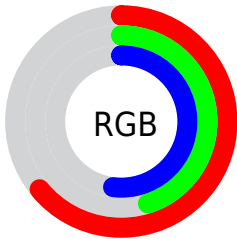
Format	Color
R_{YB}	162, 115, 132
Decimal	10646404
CIE Lab	53.61, 21.15, -1.92
CIE LCh	54, 21.240, 354.827
Yxy	21.6088, 0.3525, 0.3023
Android (android.graphics.Color)	4288836484 (0xFFA27384)
YUV	130.9910, 0.4974, 27.1949
Hunter-Lab	46.4853, 15.4012, 1.0707

Details

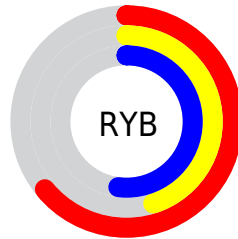
The XYZ color **25.1959, 21.6088, 24.6727** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1023, 31.5304, 31.5526**, and the grayscale version is **21.5633, 22.6863, 24.7054**.

A 20% lighter version of the original color is **51.4891, 46.0456, 52.0729**, and **9.8162, 7.7722, 9.1664** is the 20% darker color. If you saturate the color by 10%, you get **22.8355, 17.9647, 20.5659**, and if you desaturate by 10%, it is **27.9524, 25.9322, 29.2581**.

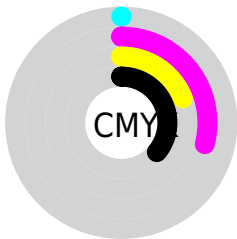
Distribution



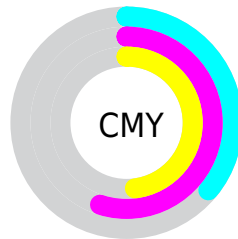
- Red (64%)
- Green (45%)
- Blue (52%)



- Red (64%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (36%)





- Cyan (36%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1959, 21.6088, 24.6727 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 25.1959, 21.6088, 24.6727 by changing the saturation by 10% instead.


 25.1959, 21.6088,
24.6727


 25.1959, 21.6088,
24.6727


271.1418,
260.4965, 289.5993


 16.3526, 13.5697,
15.6166


 51.4155, 46.0986,
52.0833


 9.8664, 7.8220,
9.1018


 69.5224, 63.3181,
71.2748

 5.3721, 3.9813,
4.7099


 91.4479, 84.3665,
94.6819

 2.5042, 1.6631,
2.0224

 117.5574,
109.6283, 122.7230

 0.8974, 0.3996,
0.5690

148.2162,
139.4877, 155.8168

 0.0000, 0.0000,
0.0000

183.7896,

174.3293, 194.3818

224.6430,
214.5375, 238.8364

■ 25.1959, 21.6088,
24.6727

■ 25.1959, 21.6088,
24.6727

■ 22.8355, 17.9647,
20.5659

■ 27.9524, 25.9322,
29.2581

■ 20.8503, 14.9622,
16.9200

■ 31.1207, 30.9643,
34.3364

■ 19.2202, 12.5644,
13.7182

■ 34.7182, 36.7361,
39.9227

■ 17.9224, 10.7292,
10.9417

■ 38.7604, 43.2763,
46.0311

■ 16.9314, 9.4093,
8.5704

■ 43.2623, 50.6117,
52.6752

■ 16.2176, 8.5493,
6.5821

■ 48.2380, 58.7679,
59.8680

■ 15.7232, 8.0384,
4.9443

■ 53.7010, 67.7694,
67.6222

■ 15.6792, 7.9930,
4.7984

■ 59.6644, 77.6397,
75.9497

■ 64.2608, 84.6416,
84.2358

Harmonies

Analogous

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



24.3141, 21.6088, 31.4826



25.1959, 21.6088, 24.6727



24.7569, 21.6088, 18.6635

Triad

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



25.1959, 21.6088, 24.6727



18.7610, 21.6088, 13.9146



18.1270, 21.6088, 35.2874

Complementary

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



25.1959, 21.6088, 24.6727



25.1023, 31.5304, 31.5526

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.



16.8288, 21.6088, 29.1726



25.1959, 21.6088, 24.6727



17.1755, 21.6088, 17.0412

Square

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



25.1959, 21.6088, 24.6727



20.9343, 21.6088, 13.1515



16.4936, 21.6088, 22.4199



20.1477, 21.6088, 38.2905

Rectangle

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



25.1959, 21.6088, 24.6727



23.7899, 21.6088, 15.7751



16.4936, 21.6088, 22.4199



17.5977, 21.6088, 33.4788

Sweetspot

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



25.1965, 21.6098, 24.6731



56.3984, 56.0554, 62.1792



24.2891, 20.8698, 36.9308



12.4764, 12.2860, 13.6641



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1965, 21.6098, 24.6731



42.8115, 34.6931, 39.7342



24.8654, 22.6599, 19.2841



7.1747, 7.1263, 7.9064



12.3715, 6.3047, 3.8810



0.2820, 0.1413, 0.1978

Inverse Universe

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



25.1965, 21.6098, 24.6731



42.8115, 34.6931, 39.7342



25.4363, 29.9417, 38.6214



7.1747, 7.1263, 7.9064



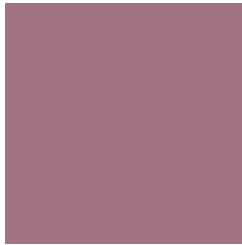
12.3715, 6.3047, 3.8810



0.2820, 0.1413, 0.1978

Previews

White Background



This preview shows how the XYZ color 25.1959, 21.6088, 24.6727 looks on a white background.

Color Contrast Check

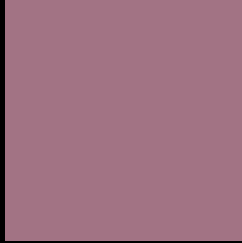
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1959, 21.6088, 24.6727 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

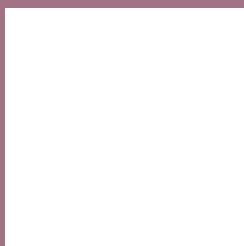
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1959, 21.6088, 24.6727

Background



This preview shows how black text looks on a background with the XYZ color 25.1959, 21.6088, 24.6727.



This preview shows how white text looks on a background with the XYZ color 25.1959, 21.6088,

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

25.1959, 21.6088, 24.6727

Protanopia

21.2052, 21.8438, 27.9096

Deuteranopia

22.0521, 21.6025, 24.1265



Tritanopia

24.6450, 21.5485, 22.2624

Trichromacy



Original Color

25.1959, 21.6088, 24.6727

Protanomaly

22.4135, 21.5475, 26.6447

Deuteranomaly

23.1468, 21.6093, 24.4238

Tritanomaly

24.8396, 21.6264, 23.2872

Monochromacy



Original Color

25.1959, 21.6088, 24.6727

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5857, 22.0567, 24.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1959, 21.6088, 24.6727 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(162, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(162, 115, 132)  
}
```

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(162, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 115, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.1959, 21.6088, 24.6727 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(162, 115, 132) }
```


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

```
.border{ border-color:rgb(162, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(162, 115,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1959, 21.6088, 24.6727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 115, 132) }
```

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

```
.background{ background-color: rgb(162,  
115, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor