

Converting Colors

XYZ(25.8697, 28.5381, 21.2848)

Have a look what the booklet for
XYZ(25.8697, 28.5381, 21.2848)
contains.

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Color

**XYZ(25.7364, 28.3785,
21.2607)**

Conversions

Conversions Part 1

Format	Color
Hex	939376
RGB	147, 147, 118
RGB Percent	58%, 58%, 46%
CMY	0.4235, 0.4235, 0.5372
CMYK	0.00, 0.00, 0.20, 0.42
HSL	60°, 12%, 52%
HSV	60°, 20%, 58%
XYZ	25.7364, 28.3785, 21.2607
YIQ	143.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

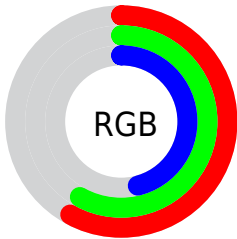
Format	Color
R_{YB}	118, 147, 118
Decimal	9671542
CIE Lab	60.23, -5.10, 15.40
CIE LCh	60, 16.222, 108.322
Yxy	28.3785, 0.3414, 0.3765
Android (android.graphics.Color)	4287861622 (0xFF939376)
YUV	143.6940, -12.6671, 2.8994
Hunter-Lab	53.2715, -6.9885, 13.6273

Details

The XYZ color **25.7364, 28.3785, 21.2607** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.2172, 18.9157, 30.2436**, and the grayscale version is **26.4335, 27.8101, 30.2852**.

A 20% lighter version of the original color is **52.2297, 57.0931, 46.2975**, and **10.2041, 11.4784, 7.4721** is the 20% darker color. If you saturate the color by 10%, you get **24.9301, 28.0569, 17.0129**, and if you desaturate by 10%, it is **26.6804, 28.7571, 26.2269**.

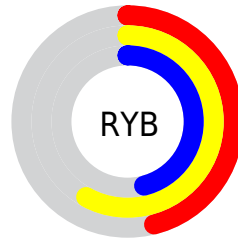
Distribution



Red (58%)

Green (58%)

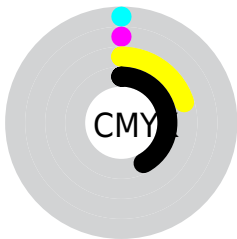
Blue (46%)



Red (46%)

Yellow (58%)

Blue (46%)

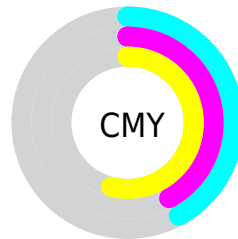


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7364, 28.3785, 21.2607 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 25.7364, 28.3785, 21.2607 by changing the saturation by 10% instead.

■ 25.7364, 28.3785,
21.2607

■ 25.7364, 28.3785,
21.2607

273.7662,
294.2711, 271.4872

■ 16.7582, 18.6112,
13.1216

■ 52.2837, 57.0882,
46.4074

■ 10.1565, 11.3897,
7.3806

■ 70.5836, 76.7993,
64.2521

■ 5.5659, 6.3296,
3.6192

■ 92.7213, 100.5938,
86.1691

■ 2.6211, 3.0465,
1.4189

119.0623,
128.8561, 112.5769

■ 0.9567, 1.1561,
0.1564

149.9719,
161.9706, 143.8941

■ 0.0000, 0.0254,
0.0000

185.8156,

■ 0.0000, 0.0000,

200.3217, 180.5391

0.0000

226.9585,
244.2937, 222.9307

■ 25.7364, 28.3785,
21.2607

■ 25.7364, 28.3785,
21.2607

■ 24.9301, 28.0569,
17.0129

■ 26.6804, 28.7571,
26.2269

■ 24.2529, 27.7860,
13.4485

■ 27.7657, 29.1912,
31.9405

■ 23.6989, 27.5644,
10.5323

■ 28.9986, 29.6844,
38.4315

■ 23.2605, 27.3890,
8.2255

■ 30.3843, 30.2388,
45.7273

■ 22.9297, 27.2566,
6.4849

■ 31.9279, 30.8562,
53.8541

■ 22.6971, 27.1636,
5.2617

■ 33.6341, 31.5387,
62.8372

■ 22.5520, 27.1055,
4.4989

■ 35.5074, 32.2881,
72.7003

■ 22.4670, 27.0714,
4.0526

■ 37.5522, 33.1060,
83.4667

■ 22.4648, 27.0706,
4.0411

■ 39.7727, 33.9943,
95.1585

Harmonies

Analogous

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



27.7897, 28.3785, 20.9943



25.7364, 28.3785, 21.2607



24.0977, 28.3785, 23.8987

Triad

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



25.7364, 28.3785, 21.2607



24.4027, 28.3785, 40.2571



31.0775, 28.3785, 33.2736

Complementary

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



25.7364, 28.3785, 21.2607



19.2172, 18.9157, 30.2436

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.



30.0682, 28.3785, 39.1489



25.7364, 28.3785, 21.2607



26.1723, 28.3785, 43.5132

Square

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



25.7364, 28.3785, 21.2607



23.3553, 28.3785, 34.6375



28.2484, 28.3785, 43.0834



30.9460, 28.3785, 27.4403

Rectangle

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



25.7364, 28.3785, 21.2607



23.4281, 28.3785, 26.8627



28.2484, 28.3785, 43.0834



30.8584, 28.3785, 35.3214

Sweetspot

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



25.7371, 28.3798, 21.2613



48.4492, 51.7655, 50.4981



21.7820, 20.4686, 19.9428



11.0349, 11.8070, 11.3964



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.7371, 28.3798, 21.2613



45.3708, 50.5341, 34.2925



23.2989, 27.1228, 21.1472



6.2654, 6.7446, 6.2121



19.4747, 23.4675, 3.5032



0.2384, 0.2872, 0.0429

Inverse Universe

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



19.2172, 18.9157, 30.2436



31.3502, 30.1826, 53.6081



21.3399, 20.0100, 30.3429



5.4995, 5.6330, 7.2672



4.5659, 1.8264, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 25.7364, 28.3785, 21.2607 looks on a white background.

Color Contrast Check

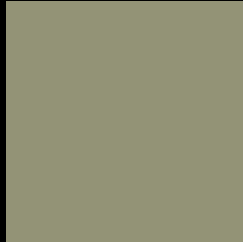
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7364, 28.3785, 21.2607 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

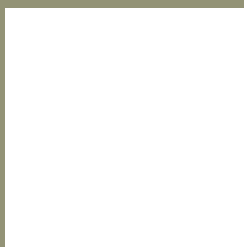
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7364, 28.3785, 21.2607

Background



This preview shows how black text looks on a background with the XYZ color 25.7364, 28.3785, 21.2607.



This preview shows how white text looks on a background with the XYZ color 25.7364, 28.3785,

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

25.7364, 28.3785, 21.2607

Protanopia

26.6627, 28.4052, 20.9071

Deuteranopia

28.7712, 28.1461, 21.6856



Tritanopia

28.3717, 28.3213, 34.1082

Trichromacy



Original Color

25.7364, 28.3785, 21.2607

Protanomaly

26.2523, 28.4214, 20.9319

Deuteranomaly

27.5000, 28.1515, 21.4371

Tritanomaly

27.2846, 28.3240, 28.8400

Monochromacy



Original Color

25.7364, 28.3785, 21.2607

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1756, 28.0198, 26.9504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7364, 28.3785, 21.2607 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(147, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(147, 147, 118)  
}
```

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(147, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 147, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.7364, 28.3785, 21.2607 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(147, 147, 118) }
```


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

```
.border{ border-color:rgb(147, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(147, 147,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7364, 28.3785, 21.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 147, 118) }
```

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

```
.background{ background-color: rgb(147,  
147, 118) }
```

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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