

Converting Colors

XYZ(25.2541, 30.7439, 28.8143)

Have a look what the booklet for
XYZ(25.2541, 30.7439, 28.8143)
contains.

XYZ(25.1265, 30.5738, 28.6218)	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(25.1265, 30.5738,
28.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9E8A
RGB	124, 158, 138
RGB Percent	49%, 62%, 54%
CMY	0.5137, 0.3804, 0.4588
CMYK	0.22, 0.00, 0.13, 0.38
HSL	145°, 15%, 55%
HSV	145°, 22%, 62%
XYZ	25.1265, 30.5738, 28.6218
YIQ	145.5540, -13.8440, -13.4280

Conversions

Conversions Part 2

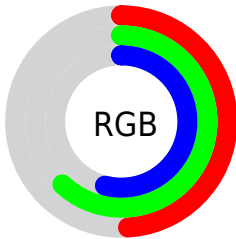
Format	Color
RYB	124, 148, 158
Decimal	8167050
CIELab	62.15, -15.94, 6.62
CIELCh	62, 17.257, 157.453
Yxy	30.5738, 0.2980, 0.3626
Android (android.graphics.Color)	4286357130 (0xFF7C9E8A)
YUV	145.5540, -3.7241, -18.9029
Hunter-Lab	55.2936, -15.6498, 8.0150

Details

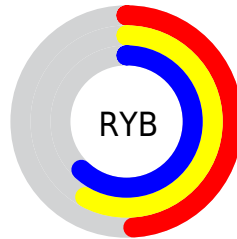
The XYZ color **25.1265, 30.5738, 28.6218** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3433, 23.6988, 29.5728**, and the grayscale version is **27.1587, 28.5730, 31.1160**.

A 20% lighter version of the original color is **51.3297, 60.6972, 58.3006**, and **9.8432, 12.6758, 11.1604** is the 20% darker color. If you saturate the color by 10%, you get **22.3792, 29.2328, 25.1298**, and if you desaturate by 10%, it is **28.2990, 32.1290, 32.4357**.

Distribution



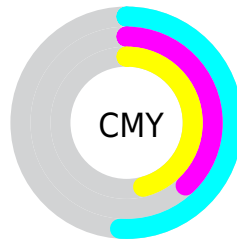
- Red (49%)
- Green (62%)
- Blue (54%)



- Red (49%)
- Yellow (58%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1265, 30.5738, 28.6218 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 25.1265, 30.5738, 28.6218 by changing the saturation by 10% instead.

■ 25.1265, 30.5738,
28.6218

■ 25.1265, 30.5738,
28.6218

270.8034,
304.5700, 309.4312

■ 16.3006, 20.2745,
18.5518

■ 51.3038, 60.5684,
58.5107

■ 9.8293, 12.5948,
11.1733

■ 69.3858, 81.0326,
79.1666

■ 5.3473, 7.1501,
6.0679

■ 91.2840, 105.6538,
104.1882

■ 2.4893, 3.5561,
2.8170

117.3636,
134.8165, 133.9941

■ 0.8899, 1.4285,
1.0020

147.9899,
168.9051, 169.0029

■ 0.0000, 0.2376,
0.0000

183.5285,

■ 0.0000, 0.0000,

208.3039, 209.6329

0.0000

224.3445,
253.3974, 256.3028

■ 25.1265, 30.5738,
28.6218

■ 25.1265, 30.5738,
28.6218

■ 22.3792, 29.2328,
25.1298

■ 28.2990, 32.1290,
32.4357

■ 20.0358, 28.0927,
21.9492

■ 31.9117, 33.9035,
36.5775

■ 18.0767, 27.1444,
19.0720

■ 35.9822, 35.9070,
41.0556

■ 16.4799, 26.3768,
16.4890

■ 40.5261, 38.1475,
45.8775

■ 15.2208, 25.7772,
14.1906

■ 45.5585, 40.6325,
51.0505

■ 14.2717, 25.3318,
12.1665

■ 51.0934, 43.3692,
56.5815

■ 13.5999, 25.0237,
10.4059

■ 57.1448, 46.3645,
62.4774

■ 13.1832, 24.8372,
9.1088

■ 63.7257, 49.6252,
68.7449

■ 66.6059, 50.9703,
75.1918

Harmonies

Analogous

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



26.4271, 30.5738, 24.1325



25.1265, 30.5738, 28.6218



24.8519, 30.5738, 34.9767

Triad

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



25.1265, 30.5738, 28.6218



29.6427, 30.5738, 47.6523



32.7514, 30.5738, 26.1011

Complementary

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



25.1265, 30.5738, 28.6218



26.3433, 23.6988, 29.5728

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.



33.7170, 30.5738, 31.6578



25.1265, 30.5738, 28.6218



31.8611, 30.5738, 44.5119

Square

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



25.1265, 30.5738, 28.6218



27.3803, 30.5738, 46.5563



33.3828, 30.5738, 38.4393



30.8060, 30.5738, 22.8181

Rectangle

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



25.1265, 30.5738, 28.6218



25.2734, 30.5738, 39.5420



33.3828, 30.5738, 38.4393



33.2059, 30.5738, 27.7338

Sweetspot

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



25.1273, 30.5751, 28.6225



54.8314, 60.0336, 62.8888



27.4377, 31.8758, 23.7757



12.2725, 13.4907, 14.0759



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1273, 30.5751, 28.6225



43.0458, 54.2588, 48.7404



26.4229, 31.0933, 35.4449



6.6583, 7.4441, 7.6353



10.5766, 19.8986, 7.3934



0.2096, 0.3640, 0.2401

Inverse Universe

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



26.3433, 23.6988, 29.5728



45.6705, 39.4122, 50.7889



25.1660, 23.2279, 23.3732



6.7885, 6.7083, 7.7372



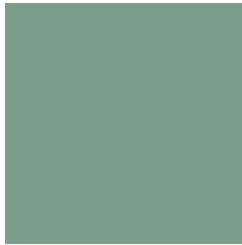
12.8935, 6.4620, 8.9559



0.2512, 0.1238, 0.2691

Previews

White Background



This preview shows how the XYZ color 25.1265, 30.5738, 28.6218 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.1265, 30.5738, 28.6218 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 ✓ Pass

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

XYZ 25.1265, 30.5738, 28.6218

Background



This preview shows how black text looks on a background with the XYZ color 25.1265, 30.5738, 28.6218.



This preview shows how white text looks on a background with the XYZ color 25.1265, 30.5738,

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

25.1265, 30.5738, 28.6218

Protanopia

28.6914, 30.2563, 26.5181

Deuteranopia

31.0816, 30.4987, 29.4480



Tritanopia

27.4918, 30.5315, 40.5206

Trichromacy



Original Color

25.1265, 30.5738, 28.6218

Protanomaly

27.1030, 30.1350, 27.3098

Deuteranomaly

28.5889, 30.3815, 29.1684

Tritanomaly

26.4745, 30.3550, 35.9162

Monochromacy



Original Color

25.1265, 30.5738, 28.6218

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3455, 29.1991, 30.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1265, 30.5738, 28.6218 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(124, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 158, 138)  
}
```

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(124, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 158, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.1265, 30.5738, 28.6218 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(124, 158, 138) }
```


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

```
.border{ border-color:rgb(124, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 158,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1265, 30.5738, 28.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 158, 138) }
```

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

```
.background{ background-color: rgb(124,  
158, 138) }
```

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