

Converting Colors

XYZ(25.9203, 30.5188, 29.5976)

Have a look what the booklet for
XYZ(25.9203, 30.5188, 29.5976)
contains.

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Color

**XYZ(25.9021, 30.4458,
29.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	829C8D
RGB	130, 156, 141
RGB Percent	51%, 61%, 55%
CMY	0.4902, 0.3882, 0.4471
CMYK	0.17, 0.00, 0.10, 0.39
HSL	145°, 12%, 56%
HSV	145°, 17%, 61%
XYZ	25.9021, 30.4458, 29.7108
YIQ	146.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

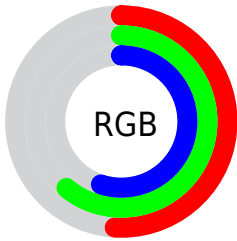
Format	Color
RYB	130, 148, 156
Decimal	8559757
CIELab	62.04, -12.20, 4.82
CIElCh	62, 13.118, 158.424
Yxy	30.4458, 0.3010, 0.3538
Android (android.graphics.Color)	4286749837 (0xFF829C8D)
YUV	146.5160, -2.7194, -14.4845
Hunter-Lab	55.1777, -12.7677, 6.6993

Details

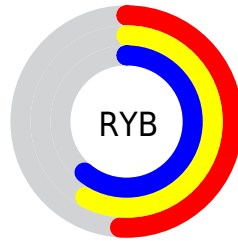
The XYZ color **25.9021, 30.4458, 29.7108** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8048, 25.0783, 30.2172**, and the grayscale version is **27.5482, 28.9828, 31.5623**.

A 20% lighter version of the original color is **52.6730, 60.5959, 60.5498**, and **10.2482, 12.5640, 11.7825** is the 20% darker color. If you saturate the color by 10%, you get **23.0456, 29.0483, 26.2223**, and if you desaturate by 10%, it is **29.1775, 32.0546, 33.5043**.

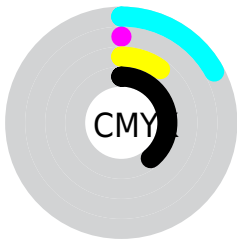
Distribution



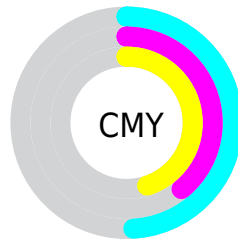
- Red (51%)
- Green (61%)
- Blue (55%)



- Red (51%)
- Yellow (58%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9021, 30.4458, 29.7108 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 25.9021, 30.4458, 29.7108 by changing the saturation by 10% instead.

■ 25.9021, 30.4458,
29.7108

■ 25.9021, 30.4458,
29.7108

274.5667,
303.9769, 314.7193

■ 16.8827, 20.1772,
19.3690

■ 52.5494, 60.3665,
60.2601

■ 10.2457, 12.5239,
11.7577

■ 70.9080, 80.7873,
81.3047

■ 5.6257, 7.1015,
6.4584

■ 93.1104, 105.3611,
106.7540

■ 2.6573, 3.5257,
3.0525

119.5220,
134.4721, 137.0264

■ 0.9752, 1.4120,
1.1215

150.5080,
168.5048, 172.5407

■ 0.0000, 0.2255,
0.0000

186.4339,

■ 0.0000, 0.0000,

207.8436, 213.7152

0.0000

227.6650,
252.8728, 260.9686

■ 25.9021, 30.4458,
29.7108

■ 25.9021, 30.4458,
29.7108

■ 23.0456, 29.0483,
26.2223

■ 29.1775, 32.0546,
33.5043

■ 20.5880, 27.8495,
23.0293

■ 32.8859, 33.8794,
37.6082

■ 18.5112, 26.8410,
20.1246

■ 37.0436, 35.9292,
42.0300

■ 16.7948, 26.0125,
17.5000

■ 41.6655, 38.2116,
46.7766

■ 15.4164, 25.3526,
15.1469

■ 46.7657, 40.7337,
51.8545

■ 14.3508, 24.8484,
13.0562

■ 52.3575, 43.5024,
57.2701

■ 13.5691, 24.4853,
11.2181

■ 58.4542, 46.5241,
63.0296

■ 13.0282, 24.2412,
9.6220

■ 65.0679, 49.8053,
69.1390

■ 12.8723, 24.1713,
9.1409

■ 66.3148, 50.3123,
75.3283

Harmonies

Analogous

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



26.8842, 30.4458, 26.1191



25.9021, 30.4458, 29.7108



25.7161, 30.4458, 34.5912

Triad

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



25.9021, 30.4458, 29.7108



29.4366, 30.4458, 43.6972



31.6722, 30.4458, 27.4819

Complementary

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



25.9021, 30.4458, 29.7108



26.8048, 25.0783, 30.2172

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.



32.4179, 30.4458, 31.7500



25.9021, 30.4458, 29.7108



31.0934, 30.4458, 41.3420

Square

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



25.9021, 30.4458, 29.7108



27.7105, 30.4458, 43.0097



32.2019, 30.4458, 36.8455



30.2008, 30.4458, 24.9260

Rectangle

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



25.9021, 30.4458, 29.7108



26.0612, 30.4458, 37.9833



32.2019, 30.4458, 36.8455



32.0187, 30.4458, 28.7457

Sweetspot

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



25.9029, 30.4471, 29.7115



53.9960, 58.7111, 61.9822



27.6252, 31.4249, 25.7291



11.7894, 12.8738, 13.5352



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.9029, 30.4471, 29.7115



45.0233, 54.3075, 51.5357



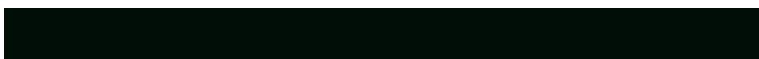
26.9142, 30.8516, 35.0369



6.6614, 7.4453, 7.6513



10.6190, 19.9155, 7.6166



0.2106, 0.3644, 0.2451

Inverse Universe

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



26.8048, 25.0783, 30.2172



46.9764, 42.6795, 52.6297



25.8701, 24.7044, 25.2951



6.7854, 6.7071, 7.7209



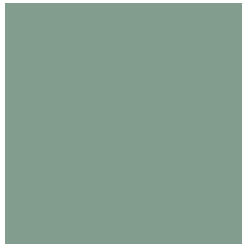
12.8309, 6.4369, 8.6266



0.2503, 0.1234, 0.2641

Previews

White Background



This preview shows how the XYZ color 25.9021, 30.4458, 29.7108 looks on a white background.

Color Contrast Check

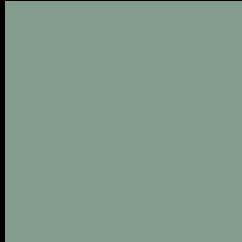
Large Text (above 18pt) WCAG AA × Fail

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 25.9021, 30.4458, 29.7108 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 25.9021, 30.4458, 29.7108

Background



This preview shows how black text looks on a background with the XYZ color 25.9021, 30.4458, 29.7108.

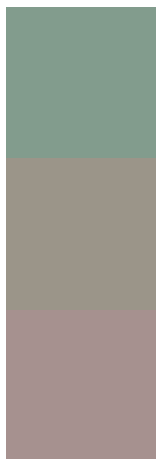


This preview shows how white text looks on a background with the XYZ color 25.9021, 30.4458,

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

25.9021, 30.4458, 29.7108

Protanopia

28.7804, 30.2696, 27.9926

Deuteranopia

30.8092, 30.3410, 30.2192



Tritanopia

28.0143, 30.5674, 40.0209

Trichromacy



Original Color

25.9021, 30.4458, 29.7108

Protanomaly

27.6697, 30.4024, 28.4547

Deuteranomaly

28.7668, 30.2202, 29.9081

Tritanomaly

27.2292, 30.4980, 35.9041

Monochromacy



Original Color

25.9021, 30.4458, 29.7108

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0017, 29.5197, 31.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9021, 30.4458, 29.7108 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(130, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(130, 156, 141)  
}
```

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(130, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 156, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.9021, 30.4458, 29.7108 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(130, 156, 141) }
```


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

```
.border{ border-color:rgb(130, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(130, 156,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9021, 30.4458, 29.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 156, 141) }
```

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

```
.background{ background-color: rgb(130,  
156, 141) }
```

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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