

Converting Colors

XYZ(25.7218, 32.3968, 30.8281)

Have a look what the booklet for
XYZ(25.7218, 32.3968, 30.8281)
contains.

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Color

**XYZ(25.7046, 32.3856,
30.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	76A48F
RGB	118, 164, 143
RGB Percent	46%, 64%, 56%
CMY	0.5372, 0.3569, 0.4392
CMYK	0.28, 0.00, 0.13, 0.36
HSL	153°, 20%, 55%
HSV	153°, 28%, 64%
XYZ	25.7046, 32.3856, 30.8829
YIQ	147.8520, -20.6750, -16.2830

Conversions

Conversions Part 2

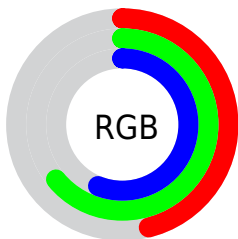
Format	Color
RYB	118, 148, 164
Decimal	7775375
CIELab	63.66, -20.02, 5.94
CIELCh	64, 20.885, 163.478
Yxy	32.3856, 0.2889, 0.3640
Android (android.graphics.Color)	4285965455 (0xFF76A48F)
YUV	147.8520, -2.3920, -26.1802
Hunter-Lab	56.9083, -18.9640, 7.6605

Details

The XYZ color **25.7046, 32.3856, 30.8829** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.4496, 22.7143, 27.4177**, and the grayscale version is **28.1032, 29.5667, 32.1981**.

A 20% lighter version of the original color is **52.2041, 63.3522, 62.3001**, and **10.1539, 13.6076, 12.4473** is the 20% darker color. If you saturate the color by 10%, you get **23.1199, 31.1174, 27.8995**, and if you desaturate by 10%, it is **28.7162, 33.8713, 34.0853**.

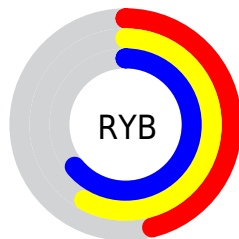
Distribution



Red (46%)

Green (64%)

Blue (56%)



Red (46%)

Yellow (58%)

Blue (64%)

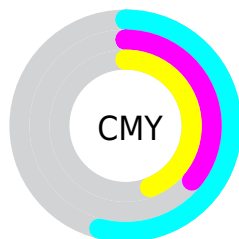


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7046, 32.3856, 30.8829 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 25.7046, 32.3856, 30.8829 by changing the saturation by 10% instead.

■ 25.7046, 32.3856,
30.8829

■ 25.7046, 32.3856,
30.8829

273.6123,
312.8721, 320.3330

■ 16.7343, 21.6562,
20.2520

■ 52.2327, 63.4151,
62.1331

■ 10.1394, 13.6045,
12.3924

■ 70.5212, 84.4840,
83.5894

■ 5.5544, 7.8461,
6.8858

■ 92.6465, 109.7682,
109.4913

■ 2.6142, 3.9966,
3.3134

118.9740,
139.6520, 140.2573

■ 0.9532, 1.6717,
1.2568

149.8689,
174.5199, 176.3059

■ 0.0000, 0.4052,
0.0260

185.6967,

■ 0.0000, 0.0000,

214.7563, 218.0557

0.0000

226.8228,
260.7456, 265.9252

■ 25.7046, 32.3856,
30.8829

■ 25.7046, 32.3856,
30.8829

■ 23.1199, 31.1174,
27.8995

■ 28.7162, 33.8713,
34.0853

■ 20.9386, 30.0520,
25.1282

■ 32.1714, 35.5803,
37.5092

■ 19.1391, 29.1792,
22.5647

■ 36.0891, 37.5232,
41.1597

■ 17.6964, 28.4862,
20.2036

■ 40.4863, 39.7087,
45.0412

■ 16.5825, 27.9587,
18.0396

■ 45.3793, 42.1451,
49.1579

■ 15.7647, 27.5799,
16.0668

■ 50.7835, 44.8402,
53.5138

■ 15.1867, 27.3210,
14.2779

■ 56.7135, 47.8016,
58.1129

■ 15.0846, 27.2755,
13.9491

■ 63.1835, 51.0364,
62.9592

■ 66.1974, 52.4846,
67.8686

Harmonies

Analogous

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



27.0763, 32.3856, 24.8305



25.7046, 32.3856, 30.8829



25.6362, 32.3856, 39.1461

Triad

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



25.7046, 32.3856, 30.8829



32.1093, 32.3856, 53.3325



35.0398, 32.3856, 25.3117

Complementary

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



25.7046, 32.3856, 30.8829



26.4496, 22.7143, 27.4177

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.



36.5730, 32.3856, 31.6444



25.7046, 32.3856, 30.8829



34.8103, 32.3856, 48.2702

Square

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



25.7046, 32.3856, 30.8829



29.2117, 32.3856, 53.0416



36.4865, 32.3856, 40.0375



32.4066, 32.3856, 21.9796

Rectangle

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



25.7046, 32.3856, 30.8829



26.3303, 32.3856, 44.9009



36.4865, 32.3856, 40.0375



35.7081, 32.3856, 27.1125

Sweetspot

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



25.7055, 32.3869, 30.8836



58.3263, 64.5480, 68.0176



27.2721, 33.3895, 22.1475



12.5419, 14.0077, 14.6679



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.



25.7055, 32.3869, 30.8836



43.4805, 57.2240, 52.4432



27.1758, 32.5386, 39.9717



7.1390, 7.9564, 8.3437



11.5899, 20.9223, 10.8230



0.2670, 0.4490, 0.3512

Inverse Universe

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



26.4496, 22.7143, 27.4177



45.0705, 36.5662, 45.0452



25.2413, 22.5223, 20.1569



7.2020, 7.1372, 8.0499



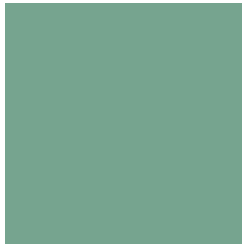
12.7328, 6.4492, 5.7836



0.2913, 0.1450, 0.2467

Previews

White Background



This preview shows how the XYZ color 25.7046, 32.3856, 30.8829 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 25.7046, 32.3856, 30.8829 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

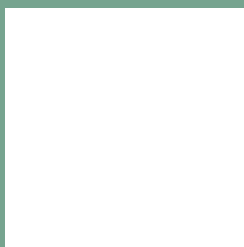
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7046, 32.3856, 30.8829

Background



This preview shows how black text looks on a background with the XYZ color 25.7046, 32.3856, 30.8829.

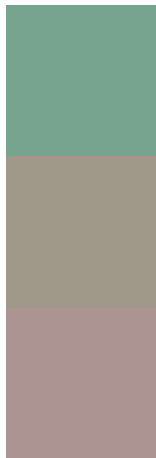


This preview shows how white text looks on a background with the XYZ color 25.7046, 32.3856,

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

25.7046, 32.3856, 30.8829

Protanopia

30.4038, 32.0622, 28.2531

Deuteranopia

32.5728, 31.9131, 31.6372



Tritanopia

28.4258, 32.4438, 44.2992

Trichromacy



Original Color

25.7046, 32.3856, 30.8829

Protanomaly

28.3942, 31.9978, 29.1057

Deuteranomaly

29.6153, 31.8309, 31.3712

Tritanomaly

27.2925, 32.2359, 38.9661

Monochromacy



Original Color

25.7046, 32.3856, 30.8829

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.0604, 30.5049, 31.6559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7046, 32.3856, 30.8829 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(118, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(118, 164, 143)  
}
```

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(118, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.7046, 32.3856, 30.8829 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(118, 164, 143) }
```


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

```
.border{ border-color:rgb(118, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(118, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7046, 32.3856, 30.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 164, 143) }
```

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

```
.background{ background-color: rgb(118,  
164, 143) }
```

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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