

Converting Colors

XYZ(25.7604, 25.1607, 30.5487)

Have a look what the booklet for
XYZ(25.7604, 25.1607, 30.5487)
contains.

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Color

**XYZ(25.7886, 25.1463,
30.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	948592
RGB	148, 133, 146
RGB Percent	58%, 52%, 57%
CMY	0.4196, 0.4784, 0.4274
CMYK	0.00, 0.10, 0.01, 0.42
HSL	308°, 7%, 55%
HSV	308°, 10%, 58%
XYZ	25.7886, 25.1463, 30.6886
YIQ	138.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

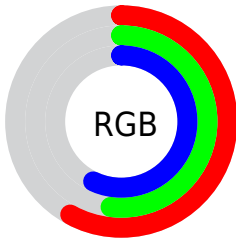
Format	Color
R_{YB}	148, 133, 146
Decimal	9733522
CIE Lab	57.22, 8.10, -4.89
CIE LCh	57, 9.462, 328.865
Yxy	25.1463, 0.3159, 0.3081
Android (android.graphics.Color)	4287923602 (0xFF948592)
YUV	138.9670, 3.4673, 7.9219
Hunter-Lab	50.1461, 4.0414, -1.1823

Details

The XYZ color **25.7886, 25.1463, 30.6886** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6370, 27.9164, 27.0130**, and the grayscale version is **24.5143, 25.7910, 28.0864**.

A 20% lighter version of the original color is **52.3414, 51.8445, 61.8919**, and **10.1343, 9.5724, 12.3799** is the 20% darker color. If you saturate the color by 10%, you get **23.7515, 21.3153, 29.2587**, and if you desaturate by 10%, it is **28.1154, 29.5516, 32.2287**.

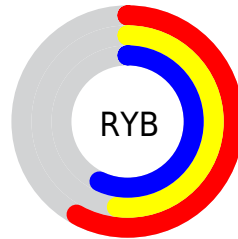
Distribution



Red (58%)

Green (52%)

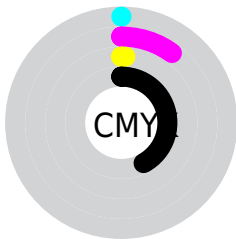
Blue (57%)



Red (58%)

Yellow (52%)

Blue (57%)

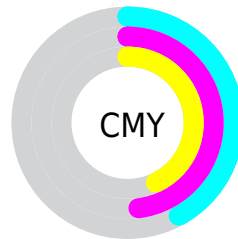


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7886, 25.1463, 30.6886 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 25.7886, 25.1463, 30.6886 by changing the saturation by 10% instead.

■ 25.7886, 25.1463,
30.6886

■ 25.7886, 25.1463,
30.6886

274.0186,
278.5657, 319.4078

■ 16.7974, 16.1861,
20.1054

■ 52.3674, 51.8945,
61.8233

■ 10.1846, 9.6559,
12.2868

■ 70.6858, 70.4512,
83.2118

■ 5.5847, 5.1714,
6.8144

■ 92.8439, 92.9756,
109.0392

■ 2.6325, 2.3482,
3.2696

119.2072,
119.8520, 139.7240

■ 0.9625, 0.7990,
1.2339

150.1409,
151.4648, 175.6847

■ 0.0000, 0.0000,
0.0067

186.0105,

■ 0.0000, 0.0000,

188.1984, 217.3399

0.0000

227.1813,
230.4373, 265.1080

■ 25.7886, 25.1463,
30.6886

■ 25.7886, 25.1463,
30.6886

■ 23.7515, 21.3153,
29.2587

■ 28.1154, 29.5516,
32.2287

■ 21.9899, 18.0315,
27.9334

■ 30.7408, 34.5503,
33.8812

■ 20.4918, 15.2707,
26.7090

■ 33.6762, 40.1646,
35.6502

■ 19.2436, 13.0053,
25.5806

■ 36.9315, 46.4146,
37.5392

■ 18.2303, 11.2055,
24.5434

■ 40.5166, 53.3196,
39.5513

■ 17.4352, 9.8381,
23.5917

■ 44.4404, 60.8979,
41.6899

■ 16.8396, 8.8656,
22.7192

■ 48.7120, 69.1672,
43.9578

■ 16.4215, 8.2439,
21.9185

■ 53.3398, 78.1446,
46.3579

■ 16.1265, 7.8614,
21.1799

■ 54.6527, 80.4879,
47.6667

Harmonies

Analogous

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



24.9537, 25.1463, 33.1339



25.7886, 25.1463, 30.6886



26.1153, 25.1463, 27.5022

Triad

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



25.7886, 25.1463, 30.6886



23.9434, 25.1463, 21.6740



22.0670, 25.1463, 30.4611

Complementary

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



25.7886, 25.1463, 30.6886



24.6370, 27.9164, 27.0130

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.



21.8152, 25.1463, 27.2582



25.7886, 25.1463, 30.6886



22.8779, 25.1463, 22.3342

Square

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



25.7886, 25.1463, 30.6886



25.0297, 25.1463, 22.4408



22.1075, 25.1463, 24.3183



22.8063, 25.1463, 32.9955

Rectangle

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



25.7886, 25.1463, 30.6886



25.9935, 25.1463, 25.4371



22.1075, 25.1463, 24.3183



21.9236, 25.1463, 29.4195

Sweetspot

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



25.7893, 25.1474, 30.6891



48.3525, 49.7605, 56.0497



23.7256, 24.0654, 31.4120



10.9646, 11.2204, 12.7469



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.



25.7893, 25.1474, 30.6891



44.7044, 42.8640, 53.6013



25.2249, 24.9216, 27.7169



6.0024, 5.8960, 7.1187



13.7815, 6.7177, 18.1285



0.1761, 0.0852, 0.2610

Inverse Universe

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



25.7893, 25.1474, 30.6891



44.7044, 42.8640, 53.6013



25.1838, 28.1351, 29.8925



6.0024, 5.8960, 7.1187



13.7815, 6.7177, 18.1285



0.1761, 0.0852, 0.2610

Previews

White Background



This preview shows how the XYZ color 25.7886, 25.1463, 30.6886 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 25.7886, 25.1463, 30.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

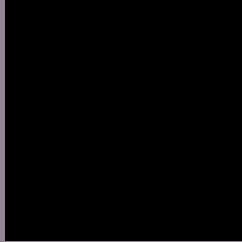
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7886, 25.1463, 30.6886

Background



This preview shows how black text looks on a background with the XYZ color 25.7886, 25.1463, 30.6886.



This preview shows how white text looks on a background with the XYZ color 25.7886, 25.1463,

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

25.7886, 25.1463, 30.6886

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

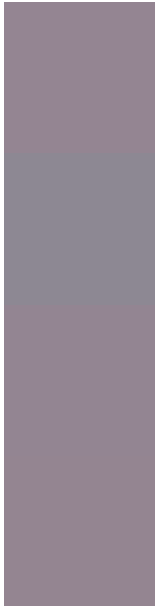
25.6085, 25.0534, 30.6802



Tritanopia

25.6343, 25.0846, 29.8763

Trichromacy



Original Color

25.7886, 25.1463, 30.6886

Protanomaly

25.0551, 25.3776, 31.1816

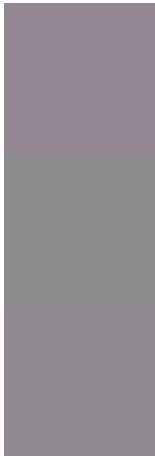
Deuteranomaly

25.6085, 25.0534, 30.6802

Tritanomaly

25.7111, 25.1153, 30.2807

Monochromacy



Original Color

25.7886, 25.1463, 30.6886

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9835, 25.5951, 29.2148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7886, 25.1463, 30.6886 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(148, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 133, 146)  
}
```

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(148, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.7886, 25.1463, 30.6886 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(148, 133, 146) }
```


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

```
.border{ border-color:rgb(148, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7886, 25.1463, 30.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 133, 146) }
```

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

```
.background{ background-color: rgb(148,  
133, 146) }
```

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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