

Converting Colors

XYZ(25.9332, 33.6545, 31.6713)

Have a look what the booklet for
XYZ(25.9332, 33.6545, 31.6713)
contains.

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Color

**XYZ(25.8467, 33.5296,
31.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	71A890
RGB	113, 168, 144
RGB Percent	44%, 66%, 56%
CMY	0.5569, 0.3412, 0.4353
CMYK	0.33, 0.00, 0.14, 0.34
HSL	154°, 24%, 55%
HSV	154°, 33%, 66%
XYZ	25.8467, 33.5296, 31.4951
YIQ	148.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

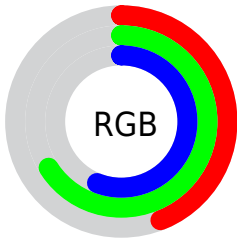
Format	Color
RYB	113, 148, 168
Decimal	7448720
CIELab	64.59, -23.42, 6.68
CIELCh	65, 24.356, 164.094
Yxy	33.5296, 0.2844, 0.3690
Android (android.graphics.Color)	4285638800 (0xFF71A890)
YUV	148.8190, -2.3758, -31.4133
Hunter-Lab	57.9047, -21.6570, 8.2848

Details

The XYZ color **25.8467, 33.5296, 31.4951** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5701, 21.9420, 26.5031**, and the grayscale version is **28.5089, 29.9936, 32.6630**.

A 20% lighter version of the original color is **52.3066, 64.9596, 63.2077**, and **10.2524, 14.3231, 12.8139** is the 20% darker color. If you saturate the color by 10%, you get **23.3400, 32.3009, 28.5475**, and if you desaturate by 10%, it is **28.7918, 34.9819, 34.6547**.

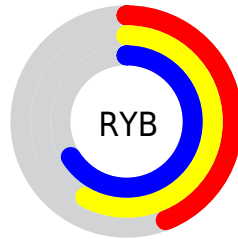
Distribution



Red (44%)

Green (66%)

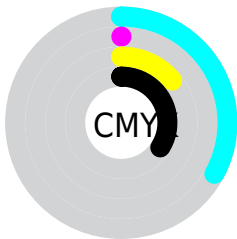
Blue (56%)



Red (44%)

Yellow (58%)

Blue (66%)

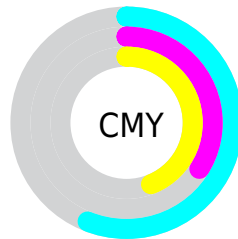


Cyan (33%)

Magenta (0%)

Yellow (14%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8467, 33.5296, 31.4951 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 25.8467, 33.5296, 31.4951 by changing the saturation by 10% instead.

■ 25.8467, 33.5296,
31.4951

■ 25.8467, 33.5296,
31.4951

274.2992,
318.0294, 323.2344

■ 16.8411, 22.5325,
20.7145

■ 52.4606, 65.2015,
63.1074

■ 10.2158, 14.2487,
12.7263

■ 70.7996, 86.6450,
84.7762

■ 5.6057, 8.2938,
7.1118

■ 92.9804, 112.3395,
110.9115

■ 2.6452, 4.2835,
3.4526

■ 119.3684,
142.6693, 141.9319

■ 0.9690, 1.8334,
1.3301

150.3289,
178.0188, 178.2558

■ 0.0000, 0.5079,
0.0863

186.2273,

■ 0.0000, 0.0000,

218.7723, 220.3018

0.0000

227.4290,
265.3144, 268.4885

■ 25.8467, 33.5296,
31.4951

■ 25.8467, 33.5296,
31.4951

■ 23.3400, 32.3009,
28.5475

■ 28.7918, 34.9819,
34.6547

■ 21.2461, 31.2800,
25.8048

■ 32.1935, 36.6644,
38.0284

■ 19.5410, 30.4555,
23.2632

■ 36.0726, 38.5886,
41.6214

■ 18.1968, 29.8131,
20.9173

■ 40.4474, 40.7640,
45.4377

■ 17.1819, 29.3365,
18.7619

■ 45.3355, 43.1994,
49.4815

■ 16.4585, 29.0065,
16.7911

■ 50.7535, 45.9035,
53.7565

■ 16.0547, 28.8271,
15.4705

■ 56.7172, 48.8843,
58.2668

■ 63.2419, 52.1495,
63.0159

■ 66.8742, 53.9189,
67.8453

Harmonies

Analogous

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



27.4280, 33.5296, 24.3823



25.8467, 33.5296, 31.4951



25.7990, 33.5296, 41.3858

Triad

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



25.8467, 33.5296, 31.4951



33.5294, 33.5296, 58.4748



36.9301, 33.5296, 24.7117

Complementary

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



25.8467, 33.5296, 31.4951



26.5701, 21.9420, 26.5031

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.



38.8231, 33.5296, 32.0294



25.8467, 33.5296, 31.4951



36.7650, 33.5296, 52.1057

Square

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



25.8467, 33.5296, 31.4951



30.0667, 33.5296, 58.2600



38.7606, 33.5296, 42.0265



33.7416, 33.5296, 20.9817

Rectangle

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



25.8467, 33.5296, 31.4951



26.6334, 33.5296, 48.3625



38.7606, 33.5296, 42.0265



37.7490, 33.5296, 26.7687

Sweetspot

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



25.8476, 33.5310, 31.4959



60.1321, 67.3797, 70.6329



27.4243, 34.5810, 20.8526



12.9081, 14.5877, 15.2076



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.8476, 33.5310, 31.4959



43.6464, 59.2459, 53.3787



27.3793, 33.3398, 42.0396



7.6071, 8.4759, 8.9174



12.1494, 21.7785, 11.8197



0.3206, 0.5399, 0.4192

Inverse Universe

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



26.5701, 21.9420, 26.5031



45.1574, 35.0381, 42.9590



25.3467, 21.9511, 18.5243



7.6620, 7.5947, 8.5372



13.1356, 6.6629, 5.5255



0.3455, 0.1725, 0.2707

Previews

White Background



This preview shows how the XYZ color 25.8467, 33.5296, 31.4951 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 25.8467, 33.5296, 31.4951 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 25.8467, 33.5296, 31.4951

Background



This preview shows how black text looks on a background with the XYZ color 25.8467, 33.5296, 31.4951.



This preview shows how white text looks on a background with the XYZ color 25.8467, 33.5296,

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

25.8467, 33.5296, 31.4951

Protanopia

31.5081, 33.3696, 28.4472

Deuteranopia

33.8675, 33.2700, 32.6537



Tritanopia

28.7787, 33.3618, 46.5176

Trichromacy



Original Color

25.8467, 33.5296, 31.4951

Protanomaly

28.9815, 33.0548, 29.6637

Deuteranomaly

30.2723, 32.8959, 32.3578

Tritanomaly

27.5828, 33.4088, 40.5921

Monochromacy



Original Color

25.8467, 33.5296, 31.4951

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3083, 31.1178, 32.1708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8467, 33.5296, 31.4951 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(113, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(113, 168, 144)  
}
```

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(113, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 168, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.8467, 33.5296, 31.4951 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(113, 168, 144) }
```


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

```
.border{ border-color:rgb(113, 168, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(113, 168,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8467, 33.5296, 31.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 168, 144) }
```

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

```
.background{ background-color: rgb(113,  
168, 144) }
```

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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