

Converting Colors

XYZ(25.8002, 36.6221, 33.3127)

Have a look what the booklet for
XYZ(25.8002, 36.6221, 33.3127)
contains.

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Color

**XYZ(25.8002, 36.6221,
33.3127)**

Conversions

Conversions Part 1

Format	Color
Hex	5CB393
RGB	92, 179, 147
RGB Percent	36%, 70%, 58%
CMY	0.6392, 0.2980, 0.4235
CMYK	0.49, 0.00, 0.18, 0.30
HSL	158°, 36%, 53%
HSV	158°, 49%, 70%
XYZ	25.8002, 36.6221, 33.3127
YIQ	149.3390, -41.5800, -28.3960

Conversions

Conversions Part 2

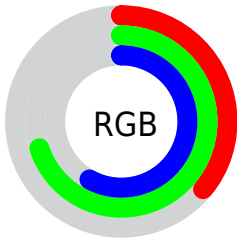
Format	Color
RYB	92, 145, 179
Decimal	6075283
CIELab	66.99, -33.99, 8.32
CIElCh	67, 34.990, 166.236
Yxy	36.6221, 0.2695, 0.3825
Android (android.graphics.Color)	4284265363 (0xFF5CB393)
YUV	149.3390, -1.1531, -50.2863
Hunter-Lab	60.5162, -29.8025, 9.7236

Details

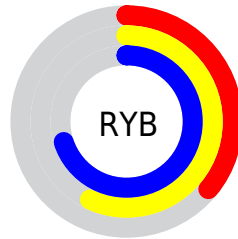
The XYZ color **25.8002, 36.6221, 33.3127** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.0569, 18.6942, 21.3052**, and the grayscale version is **28.7280, 30.2240, 32.9140**.

A 20% lighter version of the original color is **52.2836, 69.8368, 65.9825**, and **10.2319, 16.1063, 13.6359** is the 20% darker color. If you saturate the color by 10%, you get **23.7171, 35.6072, 30.5953**, and if you desaturate by 10%, it is **28.3374, 37.8696, 36.2073**.

Distribution



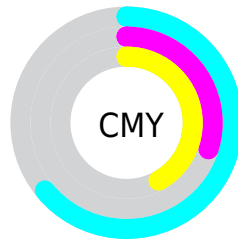
- Red (36%)
- Green (70%)
- Blue (58%)



- Red (36%)
- Yellow (57%)
- Blue (70%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)





- Cyan (64%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8002, 36.6221, 33.3127 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 25.8002, 36.6221, 33.3127 by changing the saturation by 10% instead.


 25.8002, 36.6221,
33.3127


 25.8002, 36.6221,
33.3127


274.0746,
331.6715, 331.7315


 16.8061, 24.9150,
22.0930


 52.3860, 69.9912,
65.9851


 10.1908, 16.0138,
13.7263


 70.7085, 92.4220,
88.2748

 5.5889, 9.5339,
7.7940


 92.8712, 119.1962,
115.0917

 2.6350, 5.0910,
3.8775

 119.2394,
150.6981, 146.8542

 0.9638, 2.3008,
1.5584

150.1785,
187.3123, 183.9809

 0.0000, 0.7741,
0.2609

186.0538,

 0.0000, 0.0000,

229.4229, 226.8903

0.0000

227.2307,
277.4146, 276.0010

■ 25.8002, 36.6221,
33.3127

■ 25.8002, 36.6221,
33.3127

■ 23.7171, 35.6072,
30.5953

■ 28.3374, 37.8696,
36.2073

■ 22.0544, 34.8046,
28.0487

■ 31.3533, 39.3595,
39.2804

■ 20.7782, 34.1981,
25.6694


■ 34.8745, 41.1063,
42.5365


■ 19.8481, 33.7667,
23.4529


■ 38.9246, 43.1222,
45.9791


■ 19.1939, 33.4744,
21.3930


■ 43.5256, 45.4185,
49.6116

 19.1104, 33.4374,
21.1168

 48.6984, 48.0058,
53.4371

 54.4626, 50.8943,
57.4589

 60.8370, 54.0936,
61.6800

 67.8394, 57.6129,
66.1035

Harmonies

Analogous

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



27.9405, 36.6221, 22.8713



25.8002, 36.6221, 33.3127



25.8937, 36.6221, 48.6260

Triad

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



25.8002, 36.6221, 33.3127



37.7428, 36.6221, 75.0703



42.3618, 36.6221, 22.2607

Complementary

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



25.8002, 36.6221, 33.3127



26.0569, 18.6942, 21.3052

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.



45.5646, 36.6221, 32.2429



25.8002, 36.6221, 33.3127



42.7180, 36.6221, 63.7235

Square

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



25.8002, 36.6221, 33.3127



32.4342, 36.6221, 75.5696



45.7012, 36.6221, 47.2476



37.2953, 36.6221, 17.6771

Rectangle

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



25.8002, 36.6221, 33.3127



27.2026, 36.6221, 59.7864



45.7012, 36.6221, 47.2476



43.7137, 36.6221, 24.9629

Sweetspot

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



25.8012, 36.6236, 33.3135



64.7789, 74.7719, 78.2064



26.5617, 37.4008, 15.9449



14.0289, 16.4052, 17.0462



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8012, 36.6236, 33.3135



42.3495, 63.7081, 54.6159



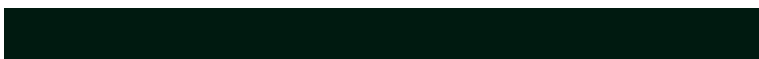
26.7116, 33.8516, 47.7757



8.6074, 9.5774, 10.1921



13.5359, 23.6403, 15.0909



0.4528, 0.7546, 0.6167

Inverse Universe

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



26.0569, 18.6942, 21.3052



42.8763, 27.9046, 30.7166



25.2894, 19.8896, 12.6320



8.6213, 8.5552, 9.5041



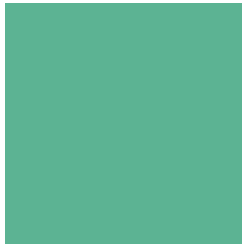
13.8575, 7.0606, 4.4097



0.4647, 0.2336, 0.2900

Previews

White Background



This preview shows how the XYZ color 25.8002, 36.6221, 33.3127 looks on a white background.

Color Contrast Check

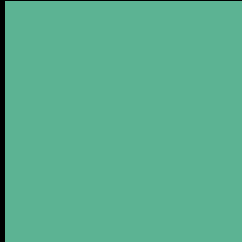
Large Text (above 18pt) WCAG AA × Fail

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 25.8002, 36.6221, 33.3127 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

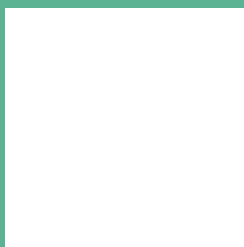
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8002, 36.6221, 33.3127

Background



This preview shows how black text looks on a background with the XYZ color 25.8002, 36.6221, 33.3127.



This preview shows how white text looks on a background with the XYZ color 25.8002, 36.6221,

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

25.8002, 36.6221, 33.3127

Protanopia

34.0853, 36.2217, 29.2398

Deuteranopia

36.8474, 35.9890, 34.7103



Tritanopia

29.5067, 36.3586, 52.4764

Trichromacy



Original Color

25.8002, 36.6221, 33.3127



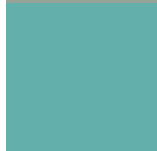
Protanomaly

29.9657, 35.6791, 30.5067



Deuteranomaly

31.1749, 35.1425, 33.9942



Tritanomaly

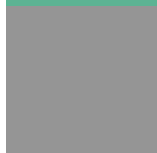
27.9220, 36.2912, 44.5630

Monochromacy



Original Color

25.8002, 36.6221, 33.3127



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.8182, 31.8689, 32.7548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8002, 36.6221, 33.3127 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(92, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(92, 179, 147)  
}
```

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(92, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 179, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.8002, 36.6221, 33.3127 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(92, 179, 147) }
```


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

```
.border{ border-color:rgb(92, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(92, 179,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8002, 36.6221, 33.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 179, 147) }
```

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

```
.background{ background-color: rgb(92, 179,  
147) }
```

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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