

Converting Colors

XYZ(25.6723, 36.1956, 31.1479)

Have a look what the booklet for
XYZ(25.6723, 36.1956, 31.1479)
contains.

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Color

**XYZ(25.7326, 36.3352,
31.2483)**

Conversions

Conversions Part 1

Format	Color
Hex	61B28E
RGB	97, 178, 142
RGB Percent	38%, 70%, 56%
CMY	0.6196, 0.3019, 0.4431
CMYK	0.46, 0.00, 0.20, 0.30
HSL	153°, 34%, 54%
HSV	153°, 46%, 70%
XYZ	25.7326, 36.3352, 31.2483
YIQ	149.6770, -36.7200, -28.3680

Conversions

Conversions Part 2

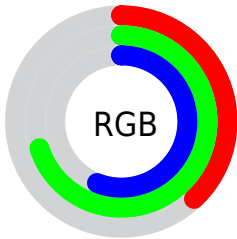
Format	Color
RYB	97, 149, 178
Decimal	6402702
CIELab	66.78, -33.33, 10.79
CIElCh	67, 35.036, 162.057
Yxy	36.3352, 0.2758, 0.3894
Android (android.graphics.Color)	4284592782 (0xFF61B28E)
YUV	149.6770, -3.7848, -46.1977
Hunter-Lab	60.2787, -29.2871, 11.4593

Details

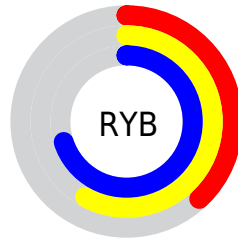
The XYZ color **25.7326, 36.3352, 31.2483** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.8696, 19.7086, 24.5795**, and the grayscale version is **28.8800, 30.3840, 33.0882**.

A 20% lighter version of the original color is **52.3355, 69.5066, 62.8823**, and **10.1798, 15.9114, 12.6599** is the 20% darker color. If you saturate the color by 10%, you get **23.4716, 35.2368, 28.1515**, and if you desaturate by 10%, it is **28.4633, 37.6728, 34.5888**.

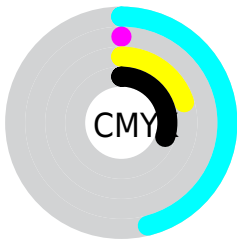
Distribution



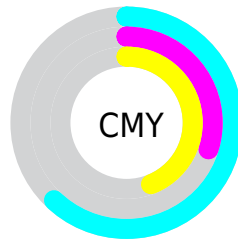
- Red (38%)
- Green (70%)
- Blue (56%)



- Red (38%)
- Yellow (58%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7326, 36.3352, 31.2483 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 25.7326, 36.3352, 31.2483 by changing the saturation by 10% instead.

■ 25.7326, 36.3352,
31.2483

■ 25.7326, 36.3352,
31.2483

273.7478,
330.4233, 322.0672

■ 16.7553, 24.6932,
20.5279

■ 52.2776, 69.5491,
62.7149

■ 10.1544, 15.8486,
12.5915

■ 70.5761, 91.8898,
84.2983

■ 5.5645, 9.4171,
7.0205

■ 92.7124, 118.5656,
110.3397

■ 2.6203, 5.0142,
3.3963

■ 119.0518,
149.9607, 141.2578

■ 0.9563, 2.2556,
1.3004

149.9596,
186.4596, 177.4711

■ 0.0000, 0.7501,
0.0621

185.8014,

■ 0.0000, 0.0000,

228.4468, 219.3980

0.0000

226.9423,
276.3065, 267.4572

■ 25.7326, 36.3352,
31.2483

■ 25.7326, 36.3352,
31.2483

■ 23.4716, 35.2368,
28.1515

■ 28.4633, 37.6728,
34.5888

■ 21.6477, 34.3580,
25.2899

■ 31.6877, 39.2590,
38.1762

■ 20.2286, 33.6832,
22.6582


■ 35.4317, 41.1079,
42.0167


■ 19.1759, 33.1927,
20.2497


■ 39.7184, 43.2315,
46.1156


■ 18.4416, 32.8619,
18.0571


■ 44.5695, 45.6409,
50.4779

 18.1679, 32.7409,
17.1385

 50.0056, 48.3464,
55.1085

 56.0459, 51.3580,
60.0122

 62.7092, 54.6853,
65.1937

 69.1974, 57.9167,
70.6192

Harmonies

Analogous

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



28.1589, 36.3352, 21.6328



25.7326, 36.3352, 31.2483



25.5110, 36.3352, 45.9665

Triad

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



25.7326, 36.3352, 31.2483



36.7045, 36.3352, 75.4453



42.6535, 36.3352, 23.0786

Complementary

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



25.7326, 36.3352, 31.2483



26.8696, 19.7086, 24.5795

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.



45.4709, 36.3352, 33.7834



25.7326, 36.3352, 31.2483



41.8087, 36.3352, 65.3793

Square

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



25.7326, 36.3352, 31.2483



31.4951, 36.3352, 74.2607



45.1469, 36.3352, 49.2352



37.7656, 36.3352, 17.8130

Rectangle

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



25.7326, 36.3352, 31.2483



26.6107, 36.3352, 57.1302



45.1469, 36.3352, 49.2352



43.8955, 36.3352, 26.0256

Sweetspot

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



25.7336, 36.3367, 31.2491



65.1776, 75.0023, 77.1047



27.8233, 37.7287, 17.1255



14.0945, 16.4458, 16.7411



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.



25.7336, 36.3367, 31.2491



42.3986, 63.8177, 50.8084



28.0932, 36.0100, 47.5913



8.5800, 9.5665, 10.0477



13.0308, 23.4383, 12.4311



0.4388, 0.7490, 0.5428

Inverse Universe

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



26.8696, 19.7086, 24.5795



44.7339, 29.7285, 37.1669



25.1773, 19.6458, 13.7746



8.6481, 8.5659, 9.6451



14.1803, 7.1897, 6.1095



0.4757, 0.2380, 0.3477

Previews

White Background



This preview shows how the XYZ color 25.7326, 36.3352, 31.2483 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 25.7326, 36.3352, 31.2483 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 25.7326, 36.3352, 31.2483

Background



This preview shows how black text looks on a background with the XYZ color 25.7326, 36.3352, 31.2483.

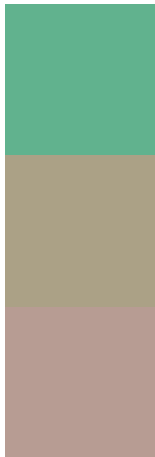


This preview shows how white text looks on a background with the XYZ color 25.7326, 36.3352,

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

25.7326, 36.3352, 31.2483

Protanopia

33.8425, 35.8689, 27.6940

Deuteranopia

36.6834, 35.9508, 32.6095



Tritanopia

29.7998, 36.2384, 51.8785

Trichromacy



Original Color

25.7326, 36.3352, 31.2483



Protanomaly

29.8357, 35.3729, 28.9220



Deuteranomaly

31.3352, 35.2707, 31.9444



Tritanomaly

28.1007, 36.1174, 43.5205

Monochromacy



Original Color

25.7326, 36.3352, 31.2483



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

27.1973, 32.0735, 32.3611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7326, 36.3352, 31.2483 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(97, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(97, 178, 142)  
}
```

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(97, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 178, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.7326, 36.3352, 31.2483 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(97, 178, 142) }
```


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

```
.border{ border-color:rgb(97, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(97, 178,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7326, 36.3352, 31.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 178, 142) }
```

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

```
.background{ background-color: rgb(97, 178,  
142) }
```

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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