

Converting Colors

XYZ(25.7918, 34.2280, 36.4350)

Have a look what the booklet for
XYZ(25.7918, 34.2280, 36.4350)
contains.

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Color

**XYZ(25.7348, 34.2017,
36.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	64AB9B
RGB	100, 171, 155
RGB Percent	39%, 67%, 61%
CMY	0.6078, 0.3294, 0.3922
CMYK	0.42, 0.00, 0.09, 0.33
HSL	166°, 30%, 53%
HSV	166°, 42%, 67%
XYZ	25.7348, 34.2017, 36.2556
YIQ	147.9470, -37.1800, -20.0280

Conversions

Conversions Part 2

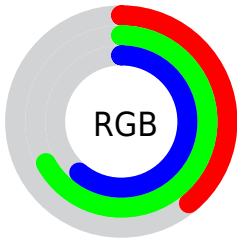
Format	Color
RYB	100, 140, 171
Decimal	6597531
CIELab	65.12, -26.20, 1.24
CIELCh	65, 26.227, 177.283
Yxy	34.2017, 0.2675, 0.3556
Android (android.graphics.Color)	4284787611 (0xFF64AB9B)
YUV	147.9470, 3.4771, -42.0495
Hunter-Lab	58.4822, -23.7959, 4.1812

Details

The XYZ color **25.7348, 34.2017, 36.2556** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.5052, 19.0340, 18.9065**, and the grayscale version is **28.1240, 29.5887, 32.2221**.

A 20% lighter version of the original color is **52.3041, 66.4116, 70.3836**, and **10.1038, 14.5372, 15.3701** is the 20% darker color. If you saturate the color by 10%, you get **23.7200, 33.2007, 34.4992**, and if you desaturate by 10%, it is **28.1588, 35.4142, 38.0866**.

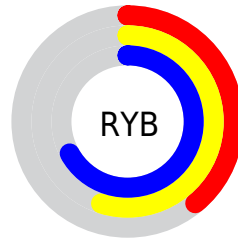
Distribution



Red (39%)

Green (67%)

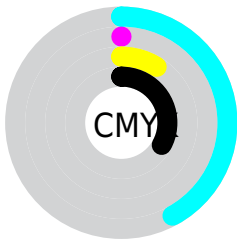
Blue (61%)



Red (39%)

Yellow (55%)

Blue (67%)

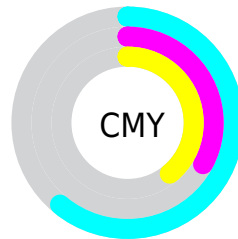


Cyan (42%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (61%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7348, 34.2017, 36.2556 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 25.7348, 34.2017, 36.2556 by changing the saturation by 10% instead.

■ 25.7348, 34.2017,
36.2556

■ 25.7348, 34.2017,
36.2556

273.7584,
321.0305, 345.1475

■ 16.7570, 23.0486,
24.3404

■ 52.2812, 66.2472,
70.5999

■ 10.1556, 14.6294,
15.3718

■ 70.5804, 87.9084,
93.8660

■ 5.5653, 8.5597,
8.9312

■ 92.7175, 113.8411,
121.7529

■ 2.6207, 4.4551,
4.6001

■ 119.0579,
144.4296, 154.6791

■ 0.9565, 1.9313,
1.9600

149.9668,
180.0584, 193.0631

■ 0.0000, 0.5671,
0.5305

185.8096,

■ 0.0000, 0.0000,

221.1119, 237.3235

0.0000

226.9517,
267.9745, 287.8788

■ 25.7348, 34.2017,
36.2556

■ 25.7348, 34.2017,
36.2556

■ 23.7200, 33.2007,
34.4992

■ 28.1588, 35.4142,
38.0866

■ 22.0864, 32.3942,
32.8133

■ 31.0122, 36.8460,
39.9914

■ 20.8071, 31.7691,
31.1969

■ 34.3170, 38.5093,
41.9722

■ 19.8500, 31.3090,
29.6480

■ 38.0932, 40.4143,
44.0305

■ 19.1773, 30.9944,
28.1644

■ 42.3593, 42.5706,
46.1675

■ 18.7602, 30.8057,
26.9538

■ 47.1328, 44.9874,
48.3847

■ 52.4306, 47.6731,
50.6831

■ 58.2685, 50.6360,
53.0640

■ 64.6618, 53.8839,
55.5286

Harmonies

Analogous

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



26.7335, 34.2017, 27.0258



25.7348, 34.2017, 36.2556



26.4303, 34.2017, 47.6918

Triad

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



25.7348, 34.2017, 36.2556



35.9773, 34.2017, 59.1338



36.6237, 34.2017, 22.2487

Complementary

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



25.7348, 34.2017, 36.2556



24.5052, 19.0340, 18.9065

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.



39.4518, 34.2017, 28.4387



25.7348, 34.2017, 36.2556



39.0586, 34.2017, 49.7490

Square

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



25.7348, 34.2017, 36.2556



32.1622, 34.2017, 62.3297



40.3754, 34.2017, 38.2417



32.8557, 34.2017, 19.9889

Rectangle

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



25.7348, 34.2017, 36.2556



27.7937, 34.2017, 54.8494



40.3754, 34.2017, 38.2417



37.7267, 34.2017, 23.8713

Sweetspot

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



25.7358, 34.2031, 36.2564



61.0214, 68.7455, 74.9172



24.1422, 33.7993, 17.3086



13.4341, 15.2429, 16.6063



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7358, 34.2031, 36.2564



42.6885, 59.5619, 61.9802



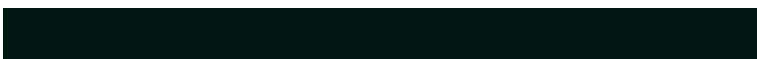
23.8463, 28.1289, 42.7023



8.1579, 9.0407, 9.8566



14.1623, 23.2302, 20.4264



0.4128, 0.6538, 0.6672

Inverse Universe

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



24.5052, 19.0340, 18.9065



40.1931, 28.6339, 26.6729



25.6848, 22.7568, 15.0959



8.0764, 8.0438, 8.7133



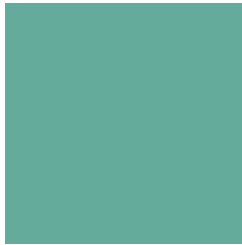
12.9481, 6.6418, 2.1059



0.3805, 0.1929, 0.1657

Previews

White Background



This preview shows how the XYZ color 25.7348, 34.2017, 36.2556 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 25.7348, 34.2017, 36.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

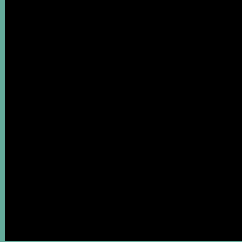
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7348, 34.2017, 36.2556

Background



This preview shows how black text looks on a background with the XYZ color 25.7348, 34.2017, 36.2556.



This preview shows how white text looks on a background with the XYZ color 25.7348, 34.2017,

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

25.7348, 34.2017, 36.2556

Protanopia

32.2237, 33.9019, 32.4491

Deuteranopia

34.4995, 33.7303, 37.4932



Tritanopia

28.2226, 34.0994, 48.8104

Trichromacy



Original Color

25.7348, 34.2017, 36.2556

Protanomaly

29.0728, 33.5316, 33.7941

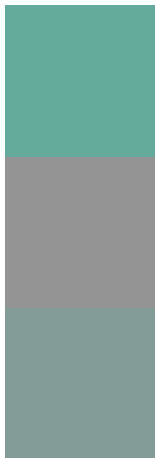
Deuteranomaly

30.4238, 33.3759, 37.1864

Tritanomaly

27.1579, 33.9269, 44.1469

Monochromacy



Original Color

25.7348, 34.2017, 36.2556

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.8345, 30.8366, 33.8159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7348, 34.2017, 36.2556 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(100, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(100, 171, 155)  
}
```

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(100, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.7348, 34.2017, 36.2556 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(100, 171, 155) }
```


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

```
.border{ border-color:rgb(100, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(100, 171,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7348, 34.2017, 36.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 171, 155) }
```

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

```
.background{ background-color: rgb(100,  
171, 155) }
```

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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