

Converting Colors

XYZ(25.8763, 34.2958, 35.4502)

Have a look what the booklet for
XYZ(25.8763, 34.2958, 35.4502)
contains.

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Color

**XYZ(25.9062, 34.3093,
35.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	67AB99
RGB	103, 171, 153
RGB Percent	40%, 67%, 60%
CMY	0.5961, 0.3294, 0.4000
CMYK	0.40, 0.00, 0.11, 0.33
HSL	164°, 29%, 54%
HSV	164°, 40%, 67%
XYZ	25.9062, 34.3093, 35.3939
YIQ	148.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

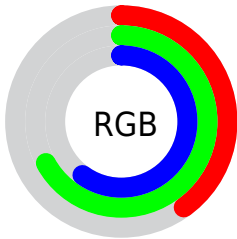
Format	Color
RYB	103, 142, 171
Decimal	6794137
CIELab	65.21, -25.85, 2.50
CIElCh	65, 25.968, 174.483
Yxy	34.3093, 0.2710, 0.3588
Android (android.graphics.Color)	4284984217 (0xFF67AB99)
YUV	148.6160, 2.1613, -40.0052
Hunter-Lab	58.5741, -23.5577, 5.1754

Details

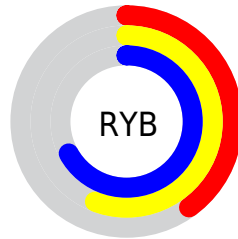
The XYZ color **25.9062, 34.3093, 35.3939** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0972, 19.7398, 20.5779**, and the grayscale version is **28.4083, 29.8877, 32.5477**.

A 20% lighter version of the original color is **52.6362, 66.6113, 69.1145**, and **10.1921, 14.5943, 14.8502** is the 20% darker color. If you saturate the color by 10%, you get **23.7752, 33.2540, 33.3798**, and if you desaturate by 10%, it is **28.4545, 35.5798, 37.5031**.

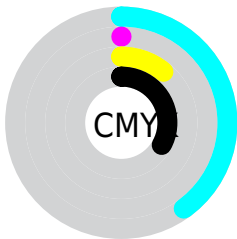
Distribution



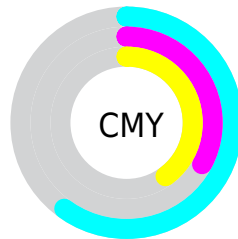
- Red (40%)
- Green (67%)
- Blue (60%)



- Red (40%)
- Yellow (56%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (60%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9062, 34.3093, 35.3939 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 25.9062, 34.3093, 35.3939 by changing the saturation by 10% instead.


 25.9062, 34.3093,
35.3939


 25.9062, 34.3093,
35.3939

274.5865,
321.5090, 341.2605


 16.8858, 23.1313,
23.6805


 52.5560, 66.4144,
69.2540


 10.2479, 14.6905,
14.8868


 70.9160, 88.1102,
92.2378

 5.6272, 8.6025,
8.5942


 93.1200, 114.0809,
119.8154

 2.6582, 4.4828,
4.3843

 119.5333,
144.7106, 152.4055

 0.9757, 1.9471,
1.8384

150.5213,
180.3839, 190.4265

 0.0000, 0.5765,
0.4531

186.4492,

 0.0000, 0.0000,

221.4852, 234.2969

0.0000

227.6825,
268.3987, 284.4354

■ 25.9062, 34.3093,
35.3939

■ 25.9062, 34.3093,
35.3939

■ 23.7752, 33.2540,
33.3798

■ 28.4545, 35.5798,
37.5031

■ 22.0337, 32.3970,
31.4564

■ 31.4398, 37.0732,
39.7069

■ 20.6553, 31.7256,
29.6224

■ 34.8842, 38.8014,
42.0079

■ 19.6088, 31.2237,
27.8755

■ 38.8073, 40.7748,
44.4076

■ 18.8576, 30.8724,
26.2133

■ 43.2274, 43.0027,
46.9078

■ 18.3241, 30.6318,
24.6311

■ 48.1622, 45.4942,
49.5101

■ 18.3122, 30.6265,
24.5949

■ 53.6283, 48.2578,
52.2158

■ 59.6414, 51.3017,
55.0266

■ 65.5124, 54.2706,
57.9108

Harmonies

Analogous

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



27.0522, 34.3093, 26.5360



25.9062, 34.3093, 35.3939



26.4407, 34.3093, 46.6499

Triad

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



25.9062, 34.3093, 35.3939



35.7111, 34.3093, 59.6463



37.0107, 34.3093, 22.8643

Complementary

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



25.9062, 34.3093, 35.3939



25.0972, 19.7398, 20.5779

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.



39.6711, 34.3093, 29.3883



25.9062, 34.3093, 35.3939



38.8812, 34.3093, 50.7802

Square

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



25.9062, 34.3093, 35.3939



31.9171, 34.3093, 62.1007



40.3806, 34.3093, 39.3914



33.3128, 34.3093, 20.2521

Rectangle

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



25.9062, 34.3093, 35.3939



27.7011, 34.3093, 53.8959



40.3806, 34.3093, 39.3914



38.0670, 34.3093, 24.6035

Sweetspot

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



25.9072, 34.3107, 35.3947



60.8864, 68.6915, 74.2066



24.9160, 34.1811, 18.1170



13.4011, 15.2297, 16.4323



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.



25.9072, 34.3107, 35.3947



42.8988, 59.7121, 60.1031



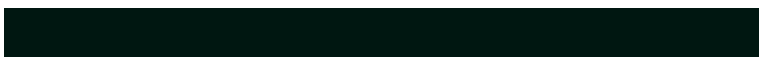
24.6888, 29.3122, 42.8863



8.1444, 9.0353, 9.7856



13.8267, 23.0960, 18.6590



0.4056, 0.6509, 0.6294

Inverse Universe

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



25.0972, 19.7398, 20.5779



41.2503, 29.8501, 29.7942



25.8249, 22.8001, 15.8723



8.0891, 8.0489, 8.7798



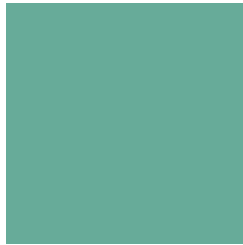
13.0408, 6.6788, 2.5941



0.3855, 0.1949, 0.1918

Previews

White Background



This preview shows how the XYZ color 25.9062, 34.3093, 35.3939 looks on a white background.

Color Contrast Check

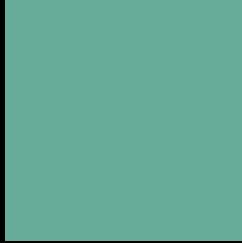
Large Text (above 18pt) WCAG AA × Fail

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 25.9062, 34.3093, 35.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

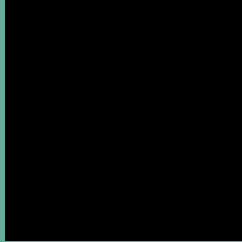
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9062, 34.3093, 35.3939

Background



This preview shows how black text looks on a background with the XYZ color 25.9062, 34.3093, 35.3939.

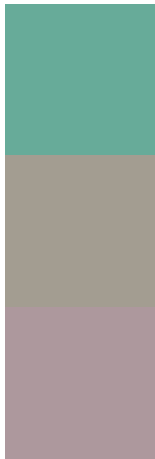


This preview shows how white text looks on a background with the XYZ color 25.9062, 34.3093,

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

25.9062, 34.3093, 35.3939

Protanopia

32.2721, 33.9448, 31.6391

Deuteranopia

34.5476, 33.7750, 36.5967



Tritanopia

28.4873, 34.2477, 48.2890

Trichromacy



Original Color

25.9062, 34.3093, 35.3939

Protanomaly

29.2501, 33.6415, 32.9688

Deuteranomaly

30.6116, 33.4925, 36.3038

Tritanomaly

27.3217, 34.0333, 43.1593

Monochromacy



Original Color

25.9062, 34.3093, 35.3939

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.0777, 31.2215, 33.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9062, 34.3093, 35.3939 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(103, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 153)  
}
```

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(103, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.9062, 34.3093, 35.3939 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(103, 171, 153) }
```


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

```
.border{ border-color:rgb(103, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9062, 34.3093, 35.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 153) }
```

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

```
.background{ background-color: rgb(103,  
171, 153) }
```

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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