

Converting Colors

XYZ(25.9061, 35.4895, 36.0497)

Have a look what the booklet for
XYZ(25.9061, 35.4895, 36.0497)
contains.

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Color

**XYZ(25.8820, 35.4259,
36.0456)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAF9A
RGB	95, 175, 154
RGB Percent	37%, 69%, 60%
CMY	0.6274, 0.3137, 0.3961
CMYK	0.46, 0.00, 0.12, 0.31
HSL	164°, 33%, 53%
HSV	164°, 46%, 69%
XYZ	25.8820, 35.4259, 36.0456
YIQ	148.6860, -40.9390, -23.4910

Conversions

Conversions Part 2

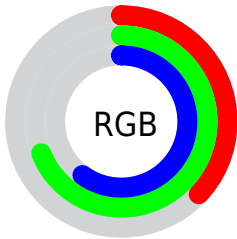
Format	Color
RYB	95, 141, 175
Decimal	6270874
CIELab	66.08, -29.71, 3.16
CIElCh	66, 29.873, 173.927
Yxy	35.4259, 0.2659, 0.3639
Android (android.graphics.Color)	4284460954 (0xFF5FAF9A)
YUV	148.6860, 2.6198, -47.0826
Hunter-Lab	59.5197, -26.5391, 5.7572

Details

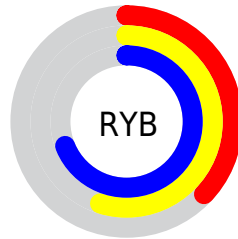
The XYZ color **25.8820, 35.4259, 36.0456** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.9250, 18.5602, 18.7931**, and the grayscale version is **28.4376, 29.9186, 32.5814**.

A 20% lighter version of the original color is **52.5388, 68.1899, 70.0674**, and **10.2444, 15.3297, 15.2509** is the 20% darker color. If you saturate the color by 10%, you get **23.8892, 34.4429, 33.9935**, and if you desaturate by 10%, it is **28.2998, 36.6282, 38.1955**.

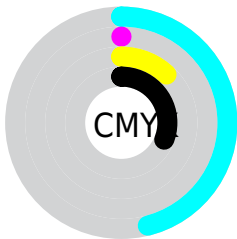
Distribution



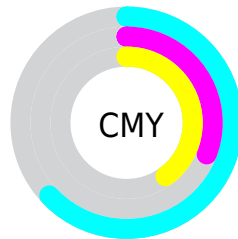
- Red (37%)
- Green (69%)
- Blue (60%)



- Red (37%)
- Yellow (55%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8820, 35.4259, 36.0456 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 25.8820, 35.4259, 36.0456 by changing the saturation by 10% instead.

■ 25.8820, 35.4259,
36.0456

■ 25.8820, 35.4259,
36.0456

274.4697,
326.4443, 344.2032

■ 16.8676, 23.9911,
24.1794

■ 52.5172, 68.1450,
70.2723

■ 10.2349, 15.3270,
15.2534

■ 70.8687, 90.1982,
93.4699

■ 5.6184, 9.0492,
8.8488

■ 93.0632, 116.5596,
121.2817

■ 2.6529, 4.7733,
4.5472

■ 119.4662,
147.6137, 154.1263

■ 0.9730, 2.1149,
1.9301

150.4430,
183.7448, 192.4222

■ 0.0000, 0.6730,
0.5118

186.3590,

■ 0.0000, 0.0000,

225.3373, 236.5880

0.0000

227.5794,
272.7757, 287.0422

■ 25.8820, 35.4259,
36.0456

■ 25.8820, 35.4259,
36.0456

■ 23.8892, 34.4429,
33.9935

■ 28.2998, 36.6282,
38.1955

■ 22.2906, 33.6604,
32.0348

■ 31.1649, 38.0584,
40.4430

■ 21.0558, 33.0639,
30.1678


■ 34.5014, 39.7299,
42.7905


■ 20.1488, 32.6348,
28.3901


■ 38.3312, 41.6540,
45.2401


■ 19.5233, 32.3491,
26.6986


■ 42.6743, 43.8409,
47.7934

 19.2971, 32.2478,
25.9976

 47.5499, 46.3006,
50.4522

 52.9761, 49.0423,
53.2179

 58.9702, 52.0750,
56.0923

 65.5486, 55.4070,
59.0767

Harmonies

Analogous

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



27.2371, 35.4259, 25.9032



25.8820, 35.4259, 36.0456



26.4611, 35.4259, 49.3520

Triad

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



25.8820, 35.4259, 36.0456



37.2503, 35.4259, 65.4864



38.9473, 35.4259, 22.0061

Complementary

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



25.8820, 35.4259, 36.0456



24.9250, 18.5602, 18.7931

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.



42.0848, 35.4259, 29.4898



25.8820, 35.4259, 36.0456



41.0464, 35.4259, 54.8180

Square

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



25.8820, 35.4259, 36.0456



32.7769, 35.4259, 68.3185



42.8848, 35.4259, 41.2154



34.5818, 35.4259, 19.0245

Rectangle

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



25.8820, 35.4259, 36.0456



27.8942, 35.4259, 58.1217



42.8848, 35.4259, 41.2154



40.1955, 35.4259, 23.9871

Sweetspot

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



25.8830, 35.4273, 36.0464



62.7416, 71.6304, 77.2675



24.6435, 35.2235, 16.3270



13.6411, 15.7682, 16.9707



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.8830, 35.4273, 36.0464



42.7074, 61.6463, 60.7939



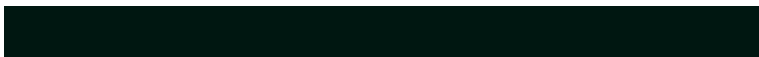
24.4027, 29.4183, 44.9512



8.1452, 9.0356, 9.7896



13.8450, 23.1033, 18.7553



0.4060, 0.6510, 0.6315

Inverse Universe

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



24.9250, 18.5602, 18.7931



40.7925, 27.5969, 26.0600



25.7256, 21.9007, 13.6985



8.0884, 8.0486, 8.7761



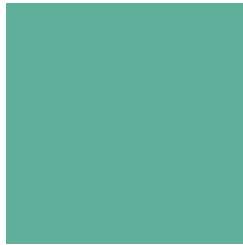
13.0351, 6.6766, 2.5645



0.3852, 0.1948, 0.1903

Previews

White Background



This preview shows how the XYZ color 25.8820, 35.4259, 36.0456 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 25.8820, 35.4259, 36.0456 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 25.8820, 35.4259, 36.0456

Background



This preview shows how black text looks on a background with the XYZ color 25.8820, 35.4259, 36.0456.

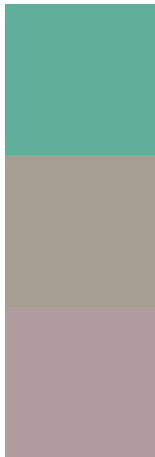


This preview shows how white text looks on a background with the XYZ color 25.8820, 35.4259,

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

25.8820, 35.4259, 36.0456

Protanopia

33.2349, 34.9476, 31.7820

Deuteranopia

35.7974, 35.1414, 37.2440



Tritanopia

28.8082, 35.4701, 50.6755

Trichromacy



Original Color

25.8820, 35.4259, 36.0456

Protanomaly

29.6156, 34.6238, 33.1391

Deuteranomaly

31.0388, 34.4780, 36.9173

Tritanomaly

27.5509, 35.2315, 44.8834

Monochromacy



Original Color

25.8820, 35.4259, 36.0456

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.8660, 31.3552, 33.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8820, 35.4259, 36.0456 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(95, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(95, 175, 154)  
}
```

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(95, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 175, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.8820, 35.4259, 36.0456 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(95, 175, 154) }
```


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

```
.border{ border-color:rgb(95, 175, 154) }
```

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

Here you see how a box with a 4 pixel rgb(95, 175, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(95, 175,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8820, 35.4259, 36.0456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 175, 154) }
```

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

```
.background{ background-color: rgb(95, 175,  
154) }
```

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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