

Converting Colors

XYZ(25.5368, 29.0587, 39.3849)

Have a look what the booklet for
XYZ(25.5368, 29.0587, 39.3849)
contains.

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Color

**XYZ(25.5368, 29.0587,
39.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	7798A4
RGB	119, 152, 164
RGB Percent	47%, 60%, 64%
CMY	0.5333, 0.4039, 0.3569
CMYK	0.27, 0.07, 0.00, 0.36
HSL	196°, 20%, 55%
HSV	196°, 27%, 64%
XYZ	25.5368, 29.0587, 39.3849
YIQ	143.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

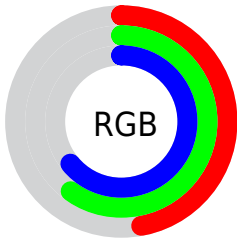
Format	Color
R_{YB}	119, 138, 164
Decimal	7837860
CIE _{Lab}	60.83, -8.54, -10.03
CIE _{LCh}	61, 13.175, 229.580
Yxy	29.0587, 0.2717, 0.3092
Android (android.graphics.Color)	4286027940 (0xFF7798A4)
YUV	143.5010, 10.1060, -21.4874
Hunter-Lab	53.9061, -9.7754, -5.5842

Details

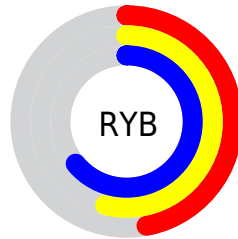
The XYZ color **25.5368, 29.0587, 39.3849** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.7563, 25.4572, 20.9570**, and the grayscale version is **26.2770, 27.6454, 30.1059**.

A 20% lighter version of the original color is **51.8707, 58.0277, 75.4844**, and **10.0326, 11.7424, 17.0670** is the 20% darker color. If you saturate the color by 10%, you get **22.7809, 26.6044, 39.0569**, and if you desaturate by 10%, it is **28.7091, 31.7679, 39.7411**.

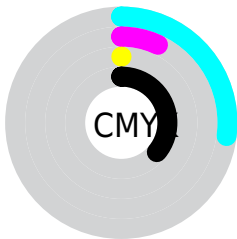
Distribution



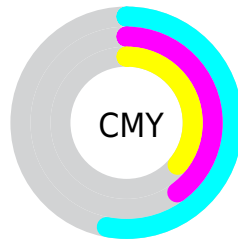
- Red (47%)
- Green (60%)
- Blue (64%)



- Red (47%)
- Yellow (54%)
- Blue (64%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5368, 29.0587, 39.3849 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 25.5368, 29.0587, 39.3849 by changing the saturation by 10% instead.

■ 25.5368, 29.0587,
39.3849

■ 25.5368, 29.0587,
39.3849

272.7994,
297.4918, 358.9989

■ 16.6083, 19.1252,
26.7492

■ 51.9634, 58.1703,
75.4528

■ 10.0492, 11.7608,
17.1542

■ 70.1922, 78.1173,
99.7219

■ 5.4941, 6.5810,
10.1813

■ 92.2518, 102.1709,
128.7060

■ 2.5777, 3.2015,
5.4122

118.5076,
130.7155, 162.8236

■ 0.9346, 1.2378,
2.4281

149.3248,
164.1354, 202.4931

■ 0.0000, 0.0923,
0.8017

185.0690,

■ 0.0000, 0.0000,

202.8152, 248.1331

0.0000

226.1054,
247.1392, 300.1622

■ 25.5368, 29.0587,
39.3849

■ 25.5368, 29.0587,
39.3849

■ 22.7809, 26.6044,
39.0569

■ 28.7091, 31.7679,
39.7411

■ 20.4184, 24.3907,
38.7541

■ 32.3138, 34.7386,
40.1245

■ 18.4284, 22.4069,
38.4761

■ 36.3695, 37.9815,
40.5367

■ 16.7863, 20.6402,
38.2217

■ 40.8928, 41.5054,
40.9785

■ 15.4651, 19.0760,
37.9894

■ 45.8994, 45.3189,
41.4507

■ 14.4328, 17.6975,
37.7777

■ 51.4042, 49.4301,
41.9541

■ 13.6388, 16.4780,
37.5842

■ 57.4215, 53.8467,
42.4894

■ 13.4503, 16.1791,
37.5364

■ 63.9652, 58.5762,
43.0574

■ 66.6499, 61.3583,
43.4529

Harmonies

Analogous

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



24.6287, 29.0587, 34.9102



25.5368, 29.0587, 39.3849



27.0275, 29.0587, 41.8624

Triad

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



25.5368, 29.0587, 39.3849



30.9898, 29.0587, 33.3783



26.5294, 29.0587, 23.5530

Complementary

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



25.5368, 29.0587, 39.3849



26.7563, 25.4572, 20.9570

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.



28.2199, 29.0587, 23.2339



25.5368, 29.0587, 39.3849



30.8430, 29.0587, 28.5806

Square

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



25.5368, 29.0587, 39.3849



30.2057, 29.0587, 38.1642



29.8123, 29.0587, 24.9834



25.1852, 29.0587, 25.9052

Rectangle

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



25.5368, 29.0587, 39.3849



28.1716, 29.0587, 41.8914



29.8123, 29.0587, 24.9834



27.0745, 29.0587, 23.2144

Sweetspot

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



25.5377, 29.0599, 39.3856



58.1615, 62.6554, 72.7806



24.9299, 32.0918, 26.0882



12.4991, 13.5215, 15.8887



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.5377, 29.0599, 39.3856



43.1743, 49.9394, 71.1161



22.3251, 22.6348, 38.3147



7.1156, 7.6902, 9.0124



10.3535, 12.4863, 28.7942



0.2530, 0.3334, 0.6169

Inverse Universe

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



27.5749, 23.3539, 32.7614



47.5801, 38.0820, 56.6820



29.9905, 31.9257, 22.0350



7.2833, 7.1698, 8.4784



14.3714, 7.1046, 14.4124



0.3199, 0.1565, 0.3972

Previews

White Background



This preview shows how the XYZ color 25.5368, 29.0587, 39.3849 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5368, 29.0587, 39.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

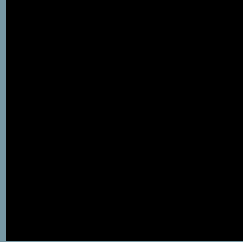
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5368, 29.0587, 39.3849

Background



This preview shows how black text looks on a background with the XYZ color 25.5368, 29.0587, 39.3849.



This preview shows how white text looks on a background with the XYZ color 25.5368, 29.0587,

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

25.5368, 29.0587, 39.3849

Protanopia

28.1476, 28.8086, 37.3348

Deuteranopia

29.4679, 28.9774, 40.1165



Tritanopia

25.5368, 29.0587, 39.3849

Trichromacy



Original Color

25.5368, 29.0587, 39.3849

Protanomaly

27.1763, 28.9873, 37.8810

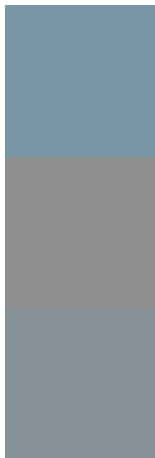
Deuteranomaly

27.7179, 28.7633, 39.6883

Tritanomaly

25.5368, 29.0587, 39.3849

Monochromacy



Original Color

25.5368, 29.0587, 39.3849

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0113, 28.2527, 33.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5368, 29.0587, 39.3849 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(119, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 164)  
}
```

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(119, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.5368, 29.0587, 39.3849 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(119, 152, 164) }
```


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

```
.border{ border-color:rgb(119, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5368, 29.0587, 39.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 164) }
```

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

```
.background{ background-color: rgb(119,  
152, 164) }
```

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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