

Converting Colors

XYZ(25.9548, 31.5371, 59.9954)

Have a look what the booklet for
XYZ(25.9548, 31.5371, 59.9954)
contains.

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Color

**XYZ(26.0237, 31.6404,
59.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	44A3C9
RGB	68, 163, 201
RGB Percent	27%, 64%, 79%
CMY	0.7333, 0.3608, 0.2118
CMYK	0.66, 0.19, 0.00, 0.21
HSL	197°, 55%, 53%
HSV	197°, 66%, 79%
XYZ	26.0237, 31.6404, 59.9939
YIQ	138.9270, -68.8180, -8.3220

Conversions

Conversions Part 2

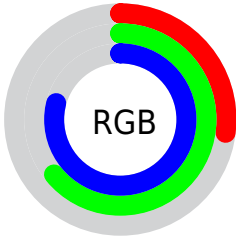
Format	Color
RYB	68, 123, 201
Decimal	4498377
CIELab	63.04, -16.04, -27.68
CIElCh	63, 31.989, 239.914
Yxy	31.6404, 0.2212, 0.2689
Android (android.graphics.Color)	4282688457 (0xFF44A3C9)
YUV	138.9270, 30.6020, -62.2030
Hunter-Lab	56.2498, -15.8550, -23.8616

Details

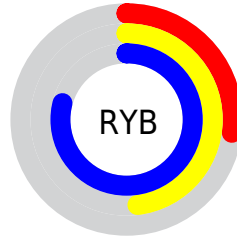
The XYZ color **26.0237, 31.6404, 59.9939** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.2859, 23.1444, 8.3411**, and the grayscale version is **24.4187, 25.6904, 27.9769**.

A 20% lighter version of the original color is **52.3273, 62.1086, 103.8380**, and **10.9509, 13.4755, 29.6276** is the 20% darker color. If you saturate the color by 10%, you get **23.8582, 29.0450, 59.6077**, and if you desaturate by 10%, it is **28.7181, 34.5783, 60.4196**.

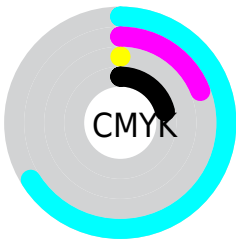
Distribution



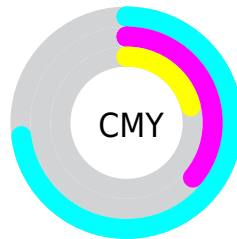
- Red (27%)
- Green (64%)
- Blue (79%)



- Red (27%)
- Yellow (48%)
- Blue (79%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)



- Cyan (73%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0237, 31.6404, 59.9939 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 26.0237, 31.6404, 59.9939 by changing the saturation by 10% instead.

■ 26.0237, 31.6404,
59.9939

■ 26.0237, 31.6404,
59.9939

■ 275.1530,
309.4779, 442.3793

■ 16.9741, 21.0870,
42.9885

■ 52.7442, 62.2469,
106.3641

■ 10.3112, 13.1876,
29.5447

■ 71.1459, 83.0688,
136.5659

■ 5.6697, 7.5579,
19.2442

■ 93.3956, 108.0823,
172.0037

■ 2.6840, 3.8134,
11.6682

■ 119.8588,
137.6718, 213.0958

■ 0.9890, 1.5697,
6.3984

■ 150.9008,
172.2218, 260.2609

■ 0.0000, 0.3371,
3.0161

186.8869,

■ 0.0000, 0.0000,

212.1165, 313.9175

1.1029

228.1825,
257.7404, 374.4841

■ 0.0000, 0.0000,
0.0000

■ 26.0237, 31.6404,
59.9939

■ 26.0237, 31.6404,
59.9939

■ 23.8582, 29.0450,
59.6077

■ 28.7181, 34.5783,
60.4196

■ 22.1663, 26.7611,
59.2560

■ 31.9829, 37.8794,
60.8847

■ 20.8832, 24.7548,
58.9364

■ 35.8592, 41.5661,
61.3920

■ 20.4512, 24.0340,
58.8200

■ 40.3829, 45.6580,
61.9434

■ 45.5871, 50.1730,
62.5405

■ 51.5028, 55.1276,
63.1851

■ 58.1586, 60.5377,
63.8786

■ 65.5819, 66.4180,
64.6223

■ 73.7983, 72.7826,
65.4178

Harmonies

Analogous

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



23.3124, 31.6404, 48.0207



26.0237, 31.6404, 59.9939



30.0606, 31.6404, 64.8499

Triad

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



26.0237, 31.6404, 59.9939



39.3641, 31.6404, 34.4873



26.0436, 31.6404, 17.4117

Complementary

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



26.0237, 31.6404, 59.9939



30.2859, 23.1444, 8.3411

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.



30.0859, 31.6404, 15.4404



26.0237, 31.6404, 59.9939



38.0291, 31.6404, 23.7137

Square

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



26.0237, 31.6404, 59.9939



38.0143, 31.6404, 48.0991



34.5225, 31.6404, 17.4347



23.3231, 31.6404, 23.6648

Rectangle

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



26.0237, 31.6404, 59.9939



33.0517, 31.6404, 62.6635



34.5225, 31.6404, 17.4347



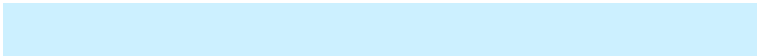
27.2793, 31.6404, 16.3057

Sweetspot

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



26.0248, 31.6415, 59.9947



74.2382, 82.6301, 106.6442



25.8566, 44.0371, 20.6882



15.3505, 17.2172, 22.7641



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.0248, 31.6415, 59.9947



39.6141, 48.1255, 101.8090



17.1855, 13.9630, 57.0482



10.6808, 11.5356, 13.5812



12.9402, 15.2743, 37.0106



0.6723, 0.8424, 1.7723

Inverse Universe

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



32.7663, 19.1972, 36.6299



52.6671, 27.9082, 55.7003



39.9191, 42.4109, 11.5522



10.9489, 10.7629, 12.7142



18.3310, 9.0819, 17.4845



0.8980, 0.4421, 0.9862

Previews

White Background



This preview shows how the XYZ color 26.0237, 31.6404, 59.9939 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 26.0237, 31.6404, 59.9939 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

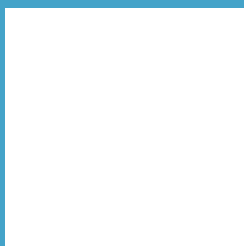
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0237, 31.6404, 59.9939

Background



This preview shows how black text looks on a background with the XYZ color 26.0237, 31.6404, 59.9939.



This preview shows how white text looks on a background with the XYZ color 26.0237, 31.6404,

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

26.0237, 31.6404, 59.9939

Protanopia

31.4053, 31.2812, 54.2518

Deuteranopia

31.9631, 31.1729, 61.4591



Tritanopia

23.6878, 31.7735, 48.0644

Trichromacy



Original Color

26.0237, 31.6404, 59.9939

Protanomaly

28.5111, 30.9602, 56.1030

Deuteranomaly

29.0172, 30.8677, 60.9286

Tritanomaly

24.5768, 31.8639, 52.4320

Monochromacy



Original Color

26.0237, 31.6404, 59.9939

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9215, 27.2992, 38.1909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0237, 31.6404, 59.9939 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(68, 163, 201)` looks like.

```
.text, #text, p{  
    color:rgb(68, 163, 201)  
}
```

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(68, 163, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 163, 201) }
```

Border

The CSS property to change the border of an element to XYZ 26.0237, 31.6404, 59.9939 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(68, 163, 201) }
```


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

```
.border{ border-color:rgb(68, 163, 201) }
```

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

Here you see how a box with a 4 pixel rgb(68, 163, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 163, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 163, 201);  
box-shadow:4px 4px 4px 4px rgb(68, 163,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0237, 31.6404, 59.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 163, 201) }
```

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

```
.background{ background-color: rgb(68, 163,  
201) }
```

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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