

Converting Colors

XYZ(26.5528, 29.3634, 40.2245)

Have a look what the booklet for
XYZ(26.5528, 29.3634, 40.2245)
contains.

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Color

**XYZ(26.5537, 29.3220,
40.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	7E97A6
RGB	126, 151, 166
RGB Percent	49%, 59%, 65%
CMY	0.5059, 0.4078, 0.3490
CMYK	0.24, 0.09, 0.00, 0.35
HSL	202°, 18%, 57%
HSV	202°, 24%, 65%
XYZ	26.5537, 29.3220, 40.3366
YIQ	145.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

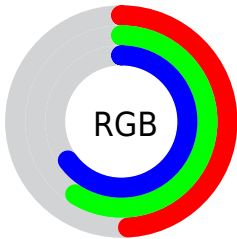
Format	Color
R_{YB}	126, 141, 166
Decimal	8296358
CIE _{Lab}	61.06, -5.31, -10.77
CIE _{LCh}	61, 12.009, 243.743
Yxy	29.3220, 0.2760, 0.3048
Android (android.graphics.Color)	4286486438 (0xFF7E97A6)
YUV	145.2350, 10.2371, -16.8691
Hunter-Lab	54.1498, -7.2302, -6.2607

Details

The XYZ color **26.5537, 29.3220, 40.3366** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0169, 28.6632, 23.7424**, and the grayscale version is **26.9753, 28.3801, 30.9059**.

A 20% lighter version of the original color is **53.4729, 58.4668, 76.8735**, and **10.5749, 11.8657, 17.6525** is the 20% darker color. If you saturate the color by 10%, you get **23.3309, 26.2132, 39.9069**, and if you desaturate by 10%, it is **30.2374, 32.7483, 40.8043**.

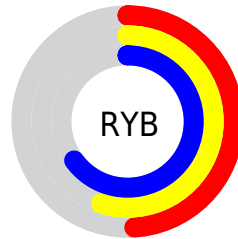
Distribution



Red (49%)

Green (59%)

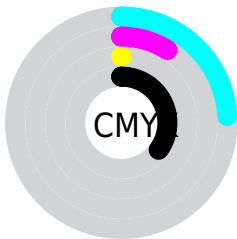
Blue (65%)



Red (49%)

Yellow (55%)

Blue (65%)

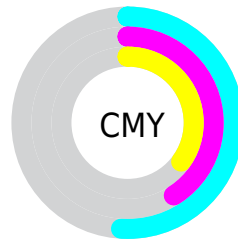


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5537, 29.3220, 40.3366 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 26.5537, 29.3220, 40.3366 by changing the saturation by 10% instead.

■ 26.5537, 29.3220,
40.3366

■ 26.5537, 29.3220,
40.3366

277.6968,
298.7312, 363.1344

■ 17.3732, 19.3245,
27.4853

■ 53.5918, 58.5883,
76.9185

■ 10.5979, 11.9050,
17.7024

■ 72.1801, 78.6259,
101.4862

■ 5.8624, 6.6790,
10.5693

■ 94.6351, 102.7791,
130.7964

■ 2.8015, 3.2622,
5.6675

121.3220,
131.4321, 165.2677

■ 1.0497, 1.2701,
2.5785

152.6063,
164.9694, 205.3186

■ 0.0000, 0.1179,
0.8813

188.8533,

■ 0.0000, 0.0000,

203.7755, 251.3677

0.0000

230.4283,
248.2346, 303.8334

■ 26.5537, 29.3220,
40.3366

■ 26.5537, 29.3220,
40.3366

■ 23.3309, 26.2132,
39.9069

■ 30.2374, 32.7483,
40.8043

■ 20.5454, 23.4065,
39.5120

■ 34.3987, 36.4999,
41.3091

■ 18.1757, 20.8902,
39.1512

■ 39.0569, 40.5884,
41.8527

■ 16.1969, 18.6503,
38.8231

■ 44.2290, 45.0238,
42.4363

■ 14.5816, 16.6713,
38.5263

■ 49.9316, 49.8158,
43.0606

■ 13.2981, 14.9356,
38.2589

■ 56.1804, 54.9734,
43.7268

■ 12.3087, 13.4224,
38.0189

■ 62.9901, 60.5055,
44.4357

■ 11.8090, 12.6052,
37.8875

■ 68.9625, 65.6921,
45.1220

■ 70.4411, 68.6494,
45.6149

Harmonies

Analogous

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



25.4310, 29.3220, 36.9807



26.5537, 29.3220, 40.3366



28.0675, 29.3220, 41.3676

Triad

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



26.5537, 29.3220, 40.3366



30.9961, 29.3220, 31.3649



26.2241, 29.3220, 25.2556

Complementary

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



26.5537, 29.3220, 40.3366



29.0169, 28.6632, 23.7424

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.



27.6728, 29.3220, 24.0439



26.5537, 29.3220, 40.3366



30.4595, 29.3220, 27.3554

Square

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



26.5537, 29.3220, 40.3366



30.6694, 29.3220, 35.9117



29.2284, 29.3220, 24.7753



25.2458, 29.3220, 28.2480

Rectangle

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



26.5537, 29.3220, 40.3366



29.1045, 29.3220, 40.5245



29.2284, 29.3220, 24.7753



26.6703, 29.3220, 24.6400

Sweetspot

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



26.5546, 29.3232, 40.3373



60.0443, 64.1133, 74.6857



27.0239, 33.6218, 30.1354



13.3399, 14.2605, 16.7016



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5546, 29.3232, 40.3373



44.9079, 50.0764, 72.7741



23.6488, 23.5117, 39.3687



7.5076, 8.0522, 9.5769



9.2031, 9.8664, 29.3948



0.2706, 0.3335, 0.7307

Inverse Universe

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



28.7734, 25.2637, 32.6394



49.7248, 41.6475, 55.9762



32.1790, 34.9873, 24.7965



7.7208, 7.6182, 8.8471



14.1459, 7.0671, 10.8458



0.3677, 0.1814, 0.3880

Previews

White Background



This preview shows how the XYZ color 26.5537, 29.3220, 40.3366 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 26.5537, 29.3220, 40.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

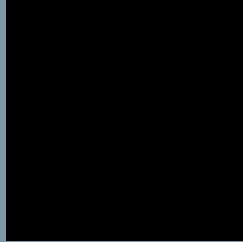
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5537, 29.3220, 40.3366

Background



This preview shows how black text looks on a background with the XYZ color 26.5537, 29.3220, 40.3366.



This preview shows how white text looks on a background with the XYZ color 26.5537, 29.3220,

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

26.5537, 29.3220, 40.3366

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

29.8392, 29.1475, 41.0991



Tritanopia

26.2249, 29.1735, 39.3708

Trichromacy



Original Color

26.5537, 29.3220, 40.3366

Protanomaly

27.7720, 29.2634, 39.3066

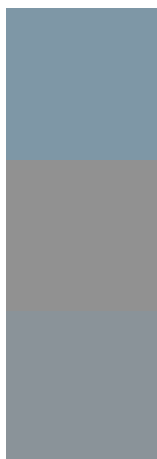
Deuteranomaly

28.5816, 29.1874, 40.6865

Tritanomaly

26.3156, 29.2098, 39.8484

Monochromacy



Original Color

26.5537, 29.3220, 40.3366

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6647, 28.5706, 34.2463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5537, 29.3220, 40.3366 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(126, 151, 166)` looks like.

```
.text, #text, p{  
    color:rgb(126, 151, 166)  
}
```

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(126, 151, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 151, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.5537, 29.3220, 40.3366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

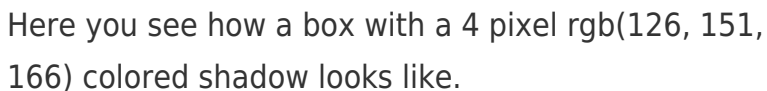
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 151, 166) }
```


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

```
.border{ border-color:rgb(126, 151, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 151, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 151, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 151, 166); box-shadow:4px 4px 4px 4px rgb(126, 151, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5537, 29.3220, 40.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 151, 166) }
```

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

```
.background{ background-color: rgb(126,  
151, 166) }
```

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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