

Converting Colors

XYZ(27.3306, 29.5448, 49.6991)

Have a look what the booklet for
XYZ(27.3306, 29.5448, 49.6991)
contains.

XYZ(27.3261, 29.5158, 49.6043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3261, 29.5158,
49.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	7797B8
RGB	119, 151, 184
RGB Percent	47%, 59%, 72%
CMY	0.5333, 0.4078, 0.2784
CMYK	0.35, 0.18, 0.00, 0.28
HSL	210°, 31%, 59%
HSV	210°, 35%, 72%
XYZ	27.3261, 29.5158, 49.6043
YIQ	145.1940, -29.6650, 3.4790

Conversions

Conversions Part 2

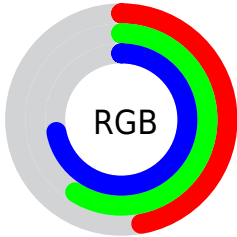
Format	Color
R_{YB}	119, 140, 184
Decimal	7837624
CIE _{Lab}	61.23, -2.90, -20.73
CIE _{LCh}	61, 20.932, 262.025
Yxy	29.5158, 0.2567, 0.2773
Android (android.graphics.Color)	4286027704 (0xFF7797B8)
YUV	145.1940, 19.1314, -22.9721
Hunter-Lab	54.3284, -5.2929, -16.1045

Details

The XYZ color **27.3261, 29.5158, 49.6043** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.3259, 33.9794, 22.2033**, and the grayscale version is **26.9265, 28.3288, 30.8501**.

A 20% lighter version of the original color is **54.7931, 58.8382, 90.9071**, and **10.9686, 11.9463, 23.2005** is the 20% darker color. If you saturate the color by 10%, you get **23.5970, 25.4499, 49.0166**, and if you desaturate by 10%, it is **31.6651, 34.0743, 50.2560**.

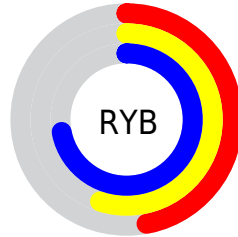
Distribution



Red (47%)

Green (59%)

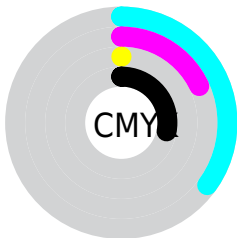
Blue (72%)



Red (47%)

Yellow (55%)

Blue (72%)

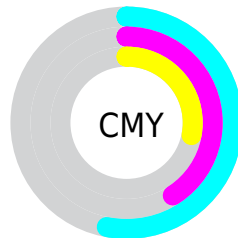


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (41%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3261, 29.5158, 49.6043 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 27.3261, 29.5158, 49.6043 by changing the saturation by 10% instead.

■ 27.3261, 29.5158,
49.6043

■ 27.3261, 29.5158,
49.6043

281.3714,
299.6409, 401.8071

■ 17.9561, 19.4714,
34.7301

■ 54.8229, 58.8956,
90.9786

■ 11.0180, 12.0114,
23.1732

■ 73.6805, 78.9997,
118.3157

■ 6.1463, 6.7514,
14.5149

■ 96.4313, 103.2259,
150.6443

■ 2.9758, 3.3071,
8.3368

123.4407,
131.9585, 188.3828

■ 1.1410, 1.2941,
4.2204

155.0741,
165.5819, 231.9498

■ 0.0590, 0.1366,
1.7470

191.6967,

■ 0.0000, 0.0000,

204.4805, 281.7638

0.3927

233.6741,
249.0387, 338.2434

■ 0.0000, 0.0000,
0.0000

■ 27.3261, 29.5158,
49.6043

■ 27.3261, 29.5158,
49.6043

■ 23.5970, 25.4499,
49.0166

■ 31.6651, 34.0743,
50.2560

■ 20.4439, 21.8531,
48.4885

■ 36.6400, 39.1407,
50.9717

■ 17.8336, 18.7046,
48.0184

■ 42.2783, 44.7338,
51.7541

■ 15.7283, 15.9806,
47.6035

■ 48.6052, 50.8702,
52.6051

■ 14.0840, 13.6540,
47.2411

■ 55.6447, 57.5658,
53.5265

■ 12.8476, 11.6924,
46.9276

■ 63.4192, 64.8358,
54.5199

■ 12.3577, 10.8724,
46.7952

■ 71.9503, 72.6946,
55.5872

■ 77.0160, 78.9690,
56.5313

■ 79.6218, 84.1807,
57.3999

Harmonies

Analogous

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



24.9221, 29.5158, 45.6260



27.3261, 29.5158, 49.6043



30.0856, 29.5158, 48.3338

Triad

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



27.3261, 29.5158, 49.6043



33.2510, 29.5158, 26.7826



24.0858, 29.5158, 23.6852

Complementary

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



27.3261, 29.5158, 49.6043



34.3259, 33.9794, 22.2033

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.



26.1158, 29.5158, 20.0361



27.3261, 29.5158, 49.6043



31.4376, 29.5158, 21.6101

Square

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



27.3261, 29.5158, 49.6043



33.6277, 29.5158, 34.2865



28.7945, 29.5158, 19.3440



23.1328, 29.5158, 30.0806

Rectangle

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



27.3261, 29.5158, 49.6043



31.7478, 29.5158, 44.7617



28.7945, 29.5158, 19.3440



24.6582, 29.5158, 22.1429

Sweetspot

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



27.3270, 29.5169, 49.6050



70.5027, 75.0330, 92.9715



30.3757, 40.4543, 35.6999



14.9089, 15.8867, 20.0023



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3270, 29.5169, 49.6050



44.4448, 47.9834, 89.1238



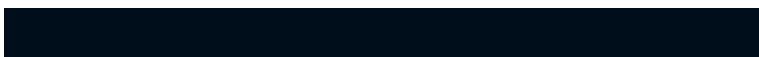
22.8572, 20.5773, 48.1150



8.8764, 9.4300, 11.4318



8.5873, 7.6342, 32.2740



0.3647, 0.3931, 1.1584

Inverse Universe

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



31.9507, 25.6193, 32.5403



54.2106, 40.6019, 52.8905



40.2381, 45.8038, 24.1740



9.1839, 9.0839, 10.3161



14.9481, 7.5530, 7.6136



0.5582, 0.2788, 0.4331

Previews

White Background



This preview shows how the XYZ color 27.3261, 29.5158, 49.6043 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 27.3261, 29.5158, 49.6043 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

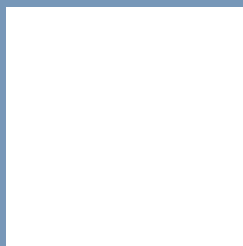
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3261, 29.5158, 49.6043

Background



This preview shows how black text looks on a background with the XYZ color 27.3261, 29.5158, 49.6043.



This preview shows how white text looks on a background with the XYZ color 27.3261, 29.5158,

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

27.3261, 29.5158, 49.6043

Protanopia

29.3323, 29.4285, 47.3143

Deuteranopia

30.0377, 29.5044, 50.0107



Tritanopia

25.5088, 29.5092, 40.4278

Trichromacy



Original Color

27.3261, 29.5158, 49.6043

Protanomaly

28.4461, 29.4215, 47.8957

Deuteranomaly

29.0222, 29.4386, 50.0515

Tritanomaly

26.1365, 29.5126, 43.8541

Monochromacy



Original Color

27.3261, 29.5158, 49.6043

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8451, 28.6049, 36.9073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3261, 29.5158, 49.6043 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, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 184)  
}
```

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, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.3261, 29.5158, 49.6043 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, 151, 184) }
```


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

```
.border{ border-color:rgb(119, 151, 184) }
```

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

Here you see how a box with a 4 pixel rgb(119, 151, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 184);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3261, 29.5158, 49.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 184) }
```

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

```
.background{ background-color: rgb(119,  
151, 184) }
```

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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