

Converting Colors

XYZ(27.2874, 29.1048, 45.7746)

Have a look what the booklet for
XYZ(27.2874, 29.1048, 45.7746)
contains.

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Color

**XYZ(27.2874, 29.1048,
45.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	7E95B1
RGB	126, 149, 177
RGB Percent	49%, 58%, 69%
CMY	0.5059, 0.4157, 0.3059
CMYK	0.29, 0.16, 0.00, 0.31
HSL	213°, 25%, 59%
HSV	213°, 29%, 69%
XYZ	27.2874, 29.1048, 45.7746
YIQ	145.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

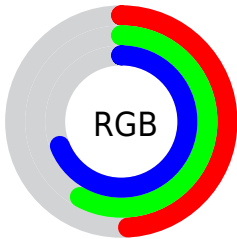
Format	Color
R_{YB}	126, 142, 177
Decimal	8295857
CIE _{Lab}	60.87, -1.51, -17.28
CIE _{LCh}	61, 17.349, 265.015
Yxy	29.1048, 0.2671, 0.2849
Android (android.graphics.Color)	4286485937 (0xFF7E95B1)
YUV	145.3150, 15.6207, -16.9393
Hunter-Lab	53.9489, -4.1250, -12.5422

Details

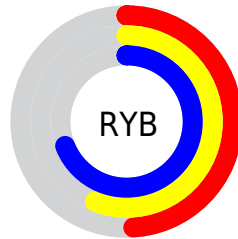
The XYZ color **27.2874, 29.1048, 45.7746** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.4534, 33.9649, 24.5321**, and the grayscale version is **26.9875, 28.3929, 30.9199**.

A 20% lighter version of the original color is **54.8863, 58.2984, 85.4507**, and **10.9074, 11.6865, 20.7496** is the 20% darker color. If you saturate the color by 10%, you get **23.4311, 24.9296, 45.1724**, and if you desaturate by 10%, it is **31.7356, 33.7770, 46.4425**.

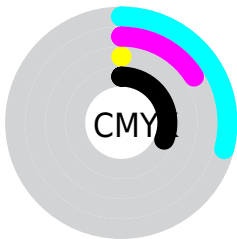
Distribution



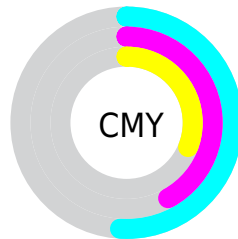
- Red (49%)
- Green (58%)
- Blue (69%)



- Red (49%)
- Yellow (56%)
- Blue (69%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2874, 29.1048, 45.7746 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 27.2874, 29.1048, 45.7746 by changing the saturation by 10% instead.

■ 27.2874, 29.1048,
45.7746

■ 27.2874, 29.1048,
45.7746

281.1882,
297.7091, 386.1529

■ 17.9269, 19.1601,
31.7206

■ 54.7613, 58.2436,
85.2123

■ 10.9969, 11.7860,
20.8851

■ 73.6055, 78.2064,
111.4331

■ 6.1320, 6.5982,
12.8496

■ 96.3416, 102.2774,
142.5465

■ 2.9669, 3.2121,
7.1956

123.3349,
130.8410, 178.9712

■ 1.1363, 1.2434,
3.5044

154.9509,
164.2816, 221.1257

■ 0.0552, 0.0968,
1.3576

191.5549,

■ 0.0000, 0.0000,

202.9836, 269.4284

0.1083

233.5122,
247.3313, 324.2980

■ 0.0000, 0.0000,
0.0000

■ 27.2874, 29.1048,
45.7746

■ 27.2874, 29.1048,
45.7746

■ 23.4311, 24.9296,
45.1724

■ 31.7356, 33.7770,
46.4425

■ 20.1365, 21.2290,
44.6318

■ 36.7986, 38.9603,
47.1761

■ 17.3747, 17.9842,
44.1511

■ 42.5012, 44.6727,
47.9781

■ 15.1129, 15.1731,
43.7277

■ 48.8661, 50.9298,
48.8504

■ 13.3142, 12.7715,
43.3589

■ 55.9147, 57.7468,
49.7947

■ 11.9358, 10.7519,
43.0417

■ 63.6676, 65.1384,
50.8128

■ 10.9033, 9.0701,
42.7715

■ 72.1444, 73.1183,
51.9063

■ 10.7920, 8.8866,
42.7420

■ 76.5742, 79.2309,
52.8527

■ 79.3035, 84.6894,
53.7625

Harmonies

Analogous

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



25.2459, 29.1048, 43.0186



27.2874, 29.1048, 45.7746



29.5417, 29.1048, 44.3579

Triad

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



27.2874, 29.1048, 45.7746



31.7907, 29.1048, 26.7138



24.2537, 29.1048, 25.0771

Complementary

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



27.2874, 29.1048, 45.7746



33.4534, 33.9649, 24.5321

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.



25.8662, 29.1048, 21.6978



27.2874, 29.1048, 45.7746



30.2302, 29.1048, 22.5487

Square

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



27.2874, 29.1048, 45.7746



32.2218, 29.1048, 32.7838



28.0425, 29.1048, 20.8391



23.5563, 29.1048, 30.6211

Rectangle

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



27.2874, 29.1048, 45.7746



30.8519, 29.1048, 41.3266



28.0425, 29.1048, 20.8391



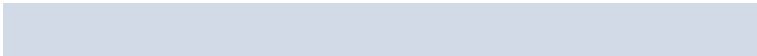
24.7023, 29.1048, 23.6819

Sweetspot

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



27.2883, 29.1060, 45.7753



65.5765, 69.4439, 84.4431



30.0933, 38.1870, 36.0091



13.9177, 14.7516, 18.2581



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.



27.2883, 29.1060, 45.7753



44.0724, 46.9575, 81.2361



24.2544, 22.6627, 44.6915



8.3470, 8.8403, 10.7727



7.8781, 6.5566, 30.9873



0.3064, 0.3234, 0.9945

Inverse Universe

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



31.0179, 26.4395, 31.9035



52.0475, 41.8105, 51.4488



37.2352, 42.0999, 25.9030



8.6504, 8.5669, 9.6573



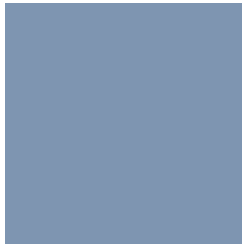
14.2112, 7.2020, 6.2720



0.4767, 0.2384, 0.3529

Previews

White Background



This preview shows how the XYZ color 27.2874, 29.1048, 45.7746 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 27.2874, 29.1048, 45.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

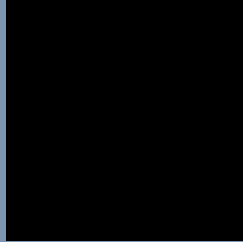
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2874, 29.1048, 45.7746

Background



This preview shows how black text looks on a background with the XYZ color 27.2874, 29.1048, 45.7746.



This preview shows how white text looks on a background with the XYZ color 27.2874, 29.1048,

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

27.2874, 29.1048, 45.7746

Protanopia

28.7499, 28.9695, 44.1208

Deuteranopia

29.5354, 28.8790, 46.1370



Tritanopia

25.8458, 28.9885, 38.8835

Trichromacy



Original Color

27.2874, 29.1048, 45.7746

Protanomaly

28.1701, 28.8872, 44.6485

Deuteranomaly

28.6425, 28.8684, 46.1820

Tritanomaly

26.2864, 28.9249, 41.2434

Monochromacy



Original Color

27.2874, 29.1048, 45.7746

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8459, 28.3954, 35.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2874, 29.1048, 45.7746 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, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 177)  
}
```

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, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.2874, 29.1048, 45.7746 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, 149, 177) }
```


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

```
.border{ border-color:rgb(126, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2874, 29.1048, 45.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 177) }
```

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

```
.background{ background-color: rgb(126,  
149, 177) }
```

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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