

Converting Colors

XYZ(27.7534, 31.1941, 50.4573)

Have a look what the booklet for
XYZ(27.7534, 31.1941, 50.4573)
contains.

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Color

**XYZ(27.7534, 31.1941,
50.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	729DB9
RGB	114, 157, 185
RGB Percent	45%, 62%, 73%
CMY	0.5529, 0.3843, 0.2745
CMYK	0.38, 0.15, 0.00, 0.27
HSL	204°, 34%, 59%
HSV	204°, 38%, 73%
XYZ	27.7534, 31.1941, 50.4573
YIQ	147.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

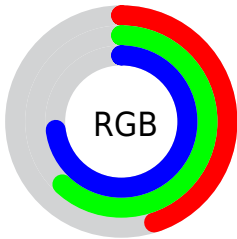
Format	Color
RYB	114, 141, 185
Decimal	7511481
CIELab	62.67, -7.39, -19.13
CIElCh	63, 20.506, 248.886
Yxy	31.1941, 0.2537, 0.2851
Android (android.graphics.Color)	4285701561 (0xFF729DB9)
YUV	147.3350, 18.5688, -29.2348
Hunter-Lab	55.8517, -9.0415, -14.4674

Details

The XYZ color **27.7534, 31.1941, 50.4573** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.7186, 30.8760, 20.1559**, and the grayscale version is **27.8084, 29.2566, 31.8604**.

A 20% lighter version of the original color is **55.5691, 61.7627, 92.2117**, and **11.3055, 12.9981, 23.7428** is the 20% darker color. If you saturate the color by 10%, you get **24.3885, 27.6821, 49.9573**, and if you desaturate by 10%, it is **31.6807, 35.1069, 51.0061**.

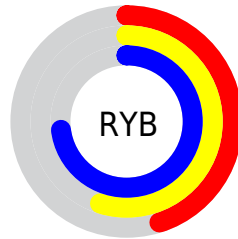
Distribution



Red (45%)

Green (62%)

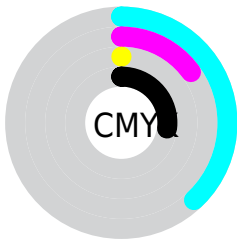
Blue (73%)



Red (45%)

Yellow (55%)

Blue (73%)

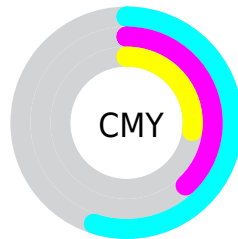


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (55%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7534, 31.1941, 50.4573 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 27.7534, 31.1941, 50.4573 by changing the saturation by 10% instead.

■ 27.7534, 31.1941,
50.4573

■ 27.7534, 31.1941,
50.4573

283.3882,
307.4315, 405.2378

■ 18.2794, 20.7467,
35.4032

■ 55.5019, 61.5455,
92.2553

■ 11.2516, 12.9390,
23.6876

■ 74.5071, 82.2184,
119.8363

■ 6.3049, 7.3865,
14.8920

■ 97.4200, 107.0684,
152.4300

■ 3.0738, 3.7050,
8.5978

124.6060,
136.4802, 190.4549

■ 1.1929, 1.5099,
4.3866

156.4304,
170.8379, 234.3296

■ 0.1007, 0.2957,
1.8397

193.2587,

■ 0.0000, 0.0000,

210.5262, 284.4726

0.4540

235.4562,
255.9292, 341.3025

■ 0.0000, 0.0000,
0.0000

■ 27.7534, 31.1941,
50.4573

■ 27.7534, 31.1941,
50.4573

■ 24.3885, 27.6821,
49.9573

■ 31.6807, 35.1069,
51.0061

■ 21.5522, 24.5494,
49.5021

■ 36.1957, 39.4332,
51.6032

■ 19.2115, 21.7777,
49.0905

■ 41.3256, 44.1897,
52.2509

■ 17.3280, 19.3454,
48.7203

■ 47.0951, 49.3907,
52.9507

■ 15.8568, 17.2272,
48.3890

■ 53.5274, 55.0499,
53.7040

■ 14.7253, 15.3835,
48.0928

■ 60.6444, 61.1803,
54.5122

■ 14.5561, 15.1009,
48.0471

■ 68.4671, 67.7944,
55.3766

■ 74.3913, 73.5514,
56.1755

■ 76.2950, 77.3587,
56.8101

Harmonies

Analogous

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



25.6562, 31.1941, 44.5825



27.7534, 31.1941, 50.4573



30.4877, 31.1941, 51.5711

Triad

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



27.7534, 31.1941, 50.4573



35.2871, 31.1941, 31.6406



26.3989, 31.1941, 23.3300

Complementary

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



27.7534, 31.1941, 50.4573



32.7186, 30.8760, 20.1559

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.



28.8259, 31.1941, 20.9056



27.7534, 31.1941, 50.4573



34.0360, 31.1941, 25.1833

Square

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



27.7534, 31.1941, 50.4573



34.9551, 31.1941, 39.8218



31.6291, 31.1941, 21.5261



24.9091, 31.1941, 28.7128

Rectangle

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



27.7534, 31.1941, 50.4573



32.3240, 31.1941, 49.3171



31.6291, 31.1941, 21.5261



27.1259, 31.1941, 22.1838

Sweetspot

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



27.7544, 31.1953, 50.4580



70.3709, 75.7961, 93.1258



29.1132, 40.2057, 31.5110



14.9139, 16.1025, 20.0437



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.



27.7544, 31.1953, 50.4580



44.5925, 50.5529, 89.6120



22.6918, 21.0701, 48.7705



8.9614, 9.6000, 11.4601



9.9839, 10.4274, 32.7396



0.4105, 0.4846, 1.1737

Inverse Universe

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



32.1116, 24.7843, 34.9908



53.7300, 38.2844, 56.9120



38.7118, 42.8624, 22.1536



9.2268, 9.1011, 10.5420



15.6531, 7.8350, 11.3258



0.5813, 0.2880, 0.5548

Previews

White Background



This preview shows how the XYZ color 27.7534, 31.1941, 50.4573 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 27.7534, 31.1941, 50.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

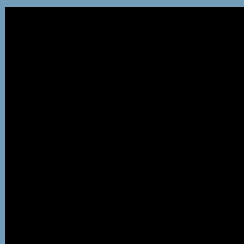
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

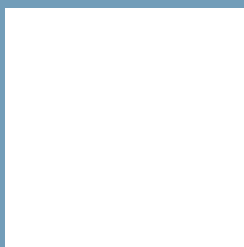
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7534, 31.1941, 50.4573

Background



This preview shows how black text looks on a background with the XYZ color 27.7534, 31.1941, 50.4573.



This preview shows how white text looks on a background with the XYZ color 27.7534, 31.1941,

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

27.7534, 31.1941, 50.4573

Protanopia

30.8216, 31.1277, 47.5638

Deuteranopia

31.7723, 31.0636, 51.3350



Tritanopia

26.4001, 31.1543, 43.6517

Trichromacy



Original Color

27.7534, 31.1941, 50.4573

Protanomaly

29.6662, 31.2282, 48.7200

Deuteranomaly

30.0829, 30.9126, 50.8356

Tritanomaly

26.8448, 31.0728, 46.1778

Monochromacy



Original Color

27.7534, 31.1941, 50.4573

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4913, 29.8573, 38.0323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7534, 31.1941, 50.4573 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(114, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(114, 157, 185)  
}
```

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(114, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 157, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.7534, 31.1941, 50.4573 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(114, 157, 185) }
```


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

```
.border{ border-color:rgb(114, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(114, 157,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7534, 31.1941, 50.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 157, 185) }
```

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

```
.background{ background-color: rgb(114,  
157, 185) }
```

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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