

Converting Colors

XYZ(27.0315, 29.3621, 78.3725)

Have a look what the booklet for
XYZ(27.0315, 29.3621, 78.3725)
contains.

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Color

**XYZ(27.1146, 29.4984,
78.3934)**

Conversions

Conversions Part 1

Format	Color
Hex	349AE5
RGB	52, 154, 229
RGB Percent	20%, 60%, 90%
CMY	0.7960, 0.3961, 0.1020
CMYK	0.77, 0.33, 0.00, 0.10
HSL	205°, 77%, 55%
HSV	205°, 77%, 90%
XYZ	27.1146, 29.4984, 78.3934
YIQ	132.0520, -84.8670, 1.7010

Conversions

Conversions Part 2

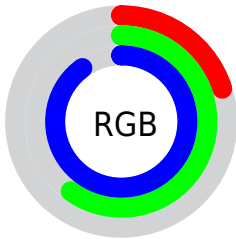
Format	Color
R _{YB}	52, 117, 229
Decimal	3447525
CIE Lab	61.22, -3.69, -46.12
CIE LCh	61, 46.266, 265.423
Yxy	29.4984, 0.2008, 0.2185
Android (android.graphics.Color)	4281637605 (0xFF349AE5)
YUV	132.0520, 47.7954, -70.2056
Hunter-Lab	54.3124, -5.9335, -47.5592

Details

The XYZ color **27.1146, 29.4984, 78.3934** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **40.5245, 32.0883, 7.3082**, and the grayscale version is **21.8077, 22.9434, 24.9854**.

A 20% lighter version of the original color is **48.7743, 56.5427, 102.9509**, and **12.3931, 12.7176, 41.3367** is the 20% darker color. If you saturate the color by 10%, you get **24.6713, 25.9569, 77.8392**, and if you desaturate by 10%, it is **30.2607, 33.5953, 79.0190**.

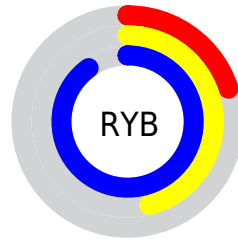
Distribution



Red (20%)

Green (60%)

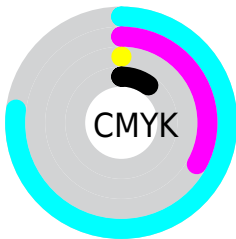
Blue (90%)



Red (20%)

Yellow (46%)

Blue (90%)

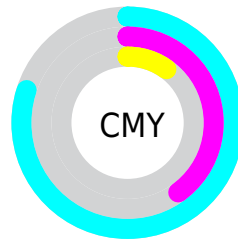


Cyan (77%)

Magenta (33%)

Yellow (0%)

Black (10%)



Cyan (80%)

Magenta (40%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1146, 29.4984, 78.3934 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 27.1146, 29.4984, 78.3934 by changing the saturation by 10% instead.

■ 27.1146, 29.4984,
78.3934

■ 27.1146, 29.4984,
78.3934

280.3690,
299.5593, 509.0651

■ 17.7963, 19.4582,
57.8788

■ 54.4863, 58.8680,
132.8955

■ 10.9027, 12.0018,
41.2972

■ 73.2705, 78.9662,
167.7200

■ 6.0682, 6.7449,
28.2299

■ 95.9406, 103.1858,
208.1517

■ 2.9277, 3.3031,
18.2585

■ 122.8621,
131.9113, 254.6090

■ 1.1156, 1.2919,
10.9644

■ 154.4004,
165.5270, 307.5104

■ 0.0381, 0.1350,
5.9290

190.9207,

■ 0.0000, 0.0000,

204.4173, 367.2745

2.7339

232.7885,
248.9666, 434.3199

■ 0.0000, 0.0000,
0.9604

■ 0.0000, 0.0000,
0.0000

■ 27.1146, 29.4984,
78.3934

■ 27.1146, 29.4984,
78.3934

■ 24.6713, 25.9569,
77.8392

■ 30.2607, 33.5953,
79.0190

■ 22.8281, 22.9120,
77.3487

■ 34.1822, 38.2880,
79.7181

■ 22.3889, 22.1490,
77.2245

■ 38.9450, 43.6154,
80.4954

■ 44.6070, 49.6112,
81.3542

■ 51.2200, 56.3062,
82.2980

■ 58.8321, 63.7290,
83.3295

■ 67.4877, 71.9063,
84.4517

■ 77.2284, 80.8631,
85.6671

■ 86.9384, 90.0280,
86.9244

Harmonies

Analogous

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



21.9117, 29.4984, 68.3293



27.1146, 29.4984, 78.3934



33.3620, 29.4984, 72.8454

Triad

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



27.1146, 29.4984, 78.3934



39.9781, 29.4984, 19.7819



19.4705, 29.4984, 16.6171

Complementary

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



27.1146, 29.4984, 78.3934



40.5245, 32.0883, 7.3082

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.



23.3117, 29.4984, 10.3754



27.1146, 29.4984, 78.3934



35.2099, 29.4984, 11.6850

Square

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



27.1146, 29.4984, 78.3934



41.3813, 29.4984, 34.8657



28.9808, 29.4984, 8.9680



17.9231, 29.4984, 29.5200

Rectangle

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



27.1146, 29.4984, 78.3934



37.2173, 29.4984, 61.8188



28.9808, 29.4984, 8.9680



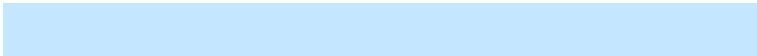
20.5066, 29.4984, 13.8831

Sweetspot

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



27.1157, 29.4994, 78.3942



69.2438, 75.6781, 105.5655



33.1867, 58.2696, 29.1550



14.0924, 15.4810, 22.4953



0.0000, 0.0000, 0.0000



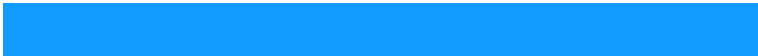
20.3446, 21.4041, 23.3091

Same Dimension

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



27.1157, 29.4994, 78.3942



29.9360, 30.6259, 98.9413



17.5529, 10.3738, 75.2066



14.2690, 15.2595, 18.3376



12.9225, 12.9071, 44.1934



1.0465, 1.1369, 3.2963

Inverse Universe

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



39.3748, 21.4485, 32.6373



47.3289, 24.0378, 32.9388



57.0439, 65.1270, 12.8146



14.7234, 14.5065, 16.7438



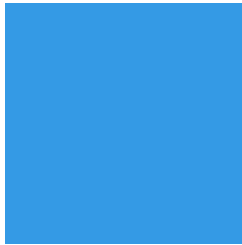
20.9162, 10.5007, 13.7195



1.5918, 0.7945, 1.2572

Previews

White Background



This preview shows how the XYZ color 27.1146, 29.4984, 78.3934 looks on a white background.

Color Contrast Check

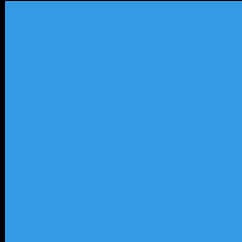
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1146, 29.4984, 78.3934 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

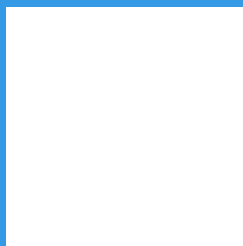
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1146, 29.4984, 78.3934

Background



This preview shows how black text looks on a background with the XYZ color 27.1146, 29.4984, 78.3934.

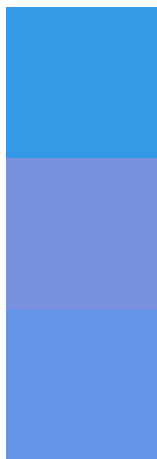


This preview shows how white text looks on a background with the XYZ color 27.1146, 29.4984,

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

27.1146, 29.4984, 78.3934

Protanopia

30.7701, 29.1600, 72.4133

Deuteranopia

30.2244, 29.4037, 79.6838



Tritanopia

20.9337, 29.3290, 45.6320

Trichromacy



Original Color

27.1146, 29.4984, 78.3934

Protanomaly

28.7638, 28.9945, 74.6015

Deuteranomaly

28.7566, 29.3649, 79.0153

Tritanomaly

22.6897, 29.2202, 56.0739

Monochromacy



Original Color

27.1146, 29.4984, 78.3934

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9467, 24.4298, 40.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1146, 29.4984, 78.3934 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(52, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(52, 154, 229)  
}
```

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(52, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 154, 229) }
```

Border

The CSS property to change the border of an element to XYZ 27.1146, 29.4984, 78.3934 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(52, 154, 229) }
```


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

```
.border{ border-color:rgb(52, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(52, 154,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1146, 29.4984, 78.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 154, 229) }
```

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

```
.background{ background-color: rgb(52, 154,  
229) }
```

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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