

Converting Colors

XYZ(27.3050, 23.9054, 92.7983)

Have a look what the booklet for
XYZ(27.3050, 23.9054, 92.7983)
contains.

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Color

**XYZ(27.3283, 23.9631,
92.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	4282F9
RGB	66, 130, 249
RGB Percent	26%, 51%, 98%
CMY	0.7411, 0.4902, 0.0235
CMYK	0.73, 0.48, 0.00, 0.02
HSL	219°, 94%, 62%
HSV	219°, 73%, 98%
XYZ	27.3283, 23.9631, 92.8075
YIQ	124.4300, -76.3430, 23.4410

Conversions

Conversions Part 2

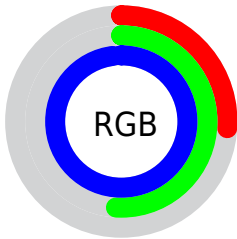
Format	Color
RYB	66, 113, 249
Decimal	4358905
CIELab	56.05, 19.45, -65.40
CIELCh	56, 68.233, 286.559
Yxy	23.9631, 0.1896, 0.1663
Android (android.graphics.Color)	4282548985 (0xFF4282F9)
YUV	124.4300, 61.4130, -51.2431
Hunter-Lab	48.9521, 13.9843, -78.1404

Details

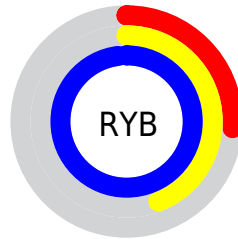
The XYZ color **27.3283, 23.9631, 92.8075** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **57.4026, 55.2368, 12.7926**, and the grayscale version is **19.1228, 20.1187, 21.9092**.

A 20% lighter version of the original color is **44.9313, 45.9101, 101.1012**, and **12.5317, 9.8404, 51.1081** is the 20% darker color. If you saturate the color by 10%, you get **24.0136, 19.3047, 92.0836**, and if you desaturate by 10%, it is **31.7136, 29.6769, 93.6798**.

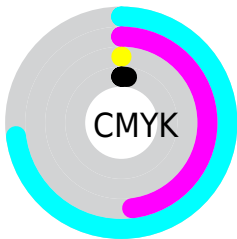
Distribution



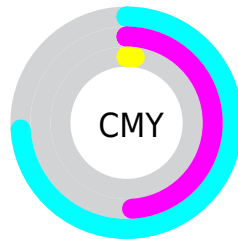
- Red (26%)
- Green (51%)
- Blue (98%)



- Red (26%)
- Yellow (44%)
- Blue (98%)



- Cyan (73%)
- Magenta (48%)
- Yellow (0%)
- Black (2%)



- Cyan (74%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3283, 23.9631, 92.8075 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 27.3283, 23.9631, 92.8075 by changing the saturation by 10% instead.

■ 27.3283, 23.9631,
92.8075

■ 27.3283, 23.9631,
92.8075

281.3818,
272.6339, 557.9259

■ 17.9578, 15.3063,
69.7247

■ 54.8264, 49.9700,
153.2015

■ 11.0192, 9.0346,
50.8267

■ 73.6847, 68.0888,
191.3498

■ 6.1471, 4.7638,
35.6950

■ 96.4364, 90.1304,
235.3570

■ 2.9763, 2.1093,
23.9109

■ 123.4467,
116.4792, 285.6417

■ 1.1412, 0.6699,
15.0559

155.0811,
147.5195, 342.6224

■ 0.0592, 0.0000,
8.7116

191.7048,

■ 0.0000, 0.0000,

183.6358, 406.7176

4.4593

233.6833,
225.2125, 478.3459

■ 0.0000, 0.0000,
1.8806

■ 0.0000, 0.0000,
0.4803

■ 27.3283, 23.9631,
92.8075

■ 27.3283, 23.9631,
92.8075

■ 24.0136, 19.3047,
92.0836

■ 31.7136, 29.6769,
93.6798

■ 21.6481, 15.6151,
91.4961

■ 37.2652, 36.5169,
94.7075

■ 20.5130, 13.6675,
91.1800

■ 44.0708, 44.5492,
95.8992

■ 52.2082, 53.8333,
97.2623

■ 61.7484, 64.4244,
98.8038

■ 72.7574, 76.3743,
100.5301

■ 85.2966, 89.7315,
102.4474

■ 94.0990, 99.6196,
103.8920

Harmonies

Analogous

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



19.4619, 23.9631, 94.2257



27.3283, 23.9631, 92.8075



35.5077, 23.9631, 68.2257

Triad

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



27.3283, 23.9631, 92.8075



34.7367, 23.9631, 5.6693



11.0730, 23.9631, 17.3198

Complementary

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



27.3283, 23.9631, 92.8075



57.4026, 55.2368, 12.7926

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.



13.5224, 23.9631, 6.2885



27.3283, 23.9631, 92.8075



26.4469, 23.9631, 2.6365

Square

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



27.3283, 23.9631, 92.8075



40.4090, 23.9631, 15.6563



18.7599, 23.9631, 2.7701



11.2042, 23.9631, 40.3636

Rectangle

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



27.3283, 23.9631, 92.8075



39.5125, 23.9631, 47.2041



18.7599, 23.9631, 2.7701



11.5927, 23.9631, 12.4535

Sweetspot

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



27.3294, 23.9638, 92.8081



66.7824, 69.7599, 104.5529



44.8758, 72.4114, 57.4857



13.6636, 14.2397, 22.2783



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.



27.3294, 23.9638, 92.8081



24.0791, 18.4571, 96.9012



23.6090, 13.0889, 90.9052



16.7794, 17.6357, 21.9050



11.1001, 7.5558, 48.8469



1.1233, 0.8903, 4.5558

Inverse Universe

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



45.0455, 25.6496, 23.6961



44.4836, 23.3248, 16.6450



64.8470, 83.6043, 17.8758



17.4952, 17.3254, 19.1976



21.8948, 11.1737, 6.1547



2.0759, 1.0541, 0.8231

Previews

White Background



This preview shows how the XYZ color 27.3283, 23.9631, 92.8075 looks on a white background.

Color Contrast Check

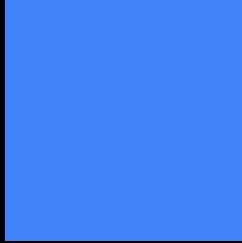
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3283, 23.9631, 92.8075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

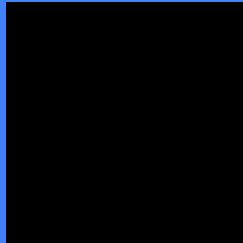
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

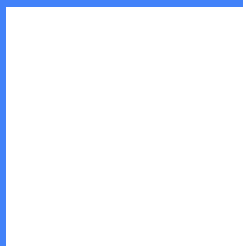
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3283, 23.9631, 92.8075

Background



This preview shows how black text looks on a background with the XYZ color 27.3283, 23.9631, 92.8075.



This preview shows how white text looks on a background with the XYZ color 27.3283, 23.9631,

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

27.3283, 23.9631, 92.8075

Protanopia

27.3921, 23.8174, 91.9604

Deuteranopia

24.5323, 23.8996, 85.7582



Tritanopia

16.8479, 23.6830, 36.4842

Trichromacy



Original Color

27.3283, 23.9631, 92.8075

Protanomaly

27.2478, 23.7430, 91.9537

Deuteranomaly

25.0794, 23.7154, 88.0497

Tritanomaly

19.4160, 23.0497, 53.2949

Monochromacy



Original Color

27.3283, 23.9631, 92.8075

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.2158, 20.6698, 40.4603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3283, 23.9631, 92.8075 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(66, 130, 249)` looks like.

```
.text, #text, p{  
  color:rgb(66, 130, 249)  
}
```

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(66, 130, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 130, 249) }
```

Border

The CSS property to change the border of an element to XYZ 27.3283, 23.9631, 92.8075 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(66, 130, 249) }
```


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

```
.border{ border-color:rgb(66, 130, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 130, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 130, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 130, 249);  
box-shadow:4px 4px 4px 4px rgb(66, 130,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3283, 23.9631, 92.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 130, 249) }
```

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

```
.background{ background-color: rgb(66, 130,  
249) }
```

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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