

Converting Colors

XYZ(27.0247, 26.0960, 93.2352)

Have a look what the booklet for
XYZ(27.0247, 26.0960, 93.2352)
contains.

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Color

**XYZ(27.0247, 26.0960,
93.2352)**

Conversions

Conversions Part 1

Format	Color
Hex	198DF9
RGB	25, 141, 249
RGB Percent	10%, 55%, 98%
CMY	0.9018, 0.4471, 0.0235
CMYK	0.90, 0.43, 0.00, 0.02
HSL	209°, 95%, 54%
HSV	209°, 90%, 98%
XYZ	27.0247, 26.0960, 93.2352
YIQ	118.6280, -103.8040, 8.9960

Conversions

Conversions Part 2

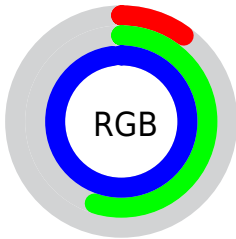
Format	Color
R _Y B	25, 101, 249
Decimal	1674745
CIE Lab	58.13, 9.27, -62.11
CIE LCh	58, 62.800, 278.485
Yxy	26.0960, 0.1847, 0.1783
Android (android.graphics.Color)	4279864825 (0xFF198DF9)
YUV	118.6280, 64.2734, -82.1118
Hunter-Lab	51.0842, 5.0330, -72.4528

Details

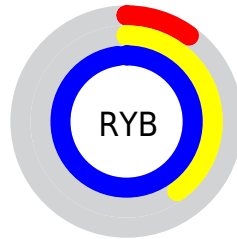
The XYZ color **27.0247, 26.0960, 93.2352** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **47.6358, 36.9957, 5.5521**, and the grayscale version is **17.2485, 18.1467, 19.7618**.

A 20% lighter version of the original color is **44.4120, 49.4484, 101.8115**, and **13.3416, 11.4601, 51.3780** is the 20% darker color. If you saturate the color by 10%, you get **24.9501, 22.5393, 92.6586**, and if you desaturate by 10%, it is **29.8039, 30.3013, 93.9010**.

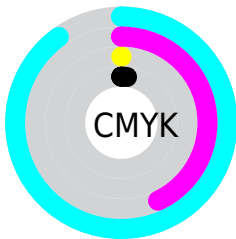
Distribution



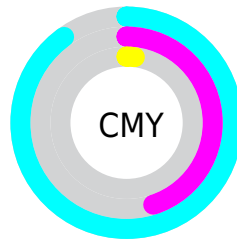
- Red (10%)
- Green (55%)
- Blue (98%)



- Red (10%)
- Yellow (40%)
- Blue (98%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0247, 26.0960, 93.2352 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 27.0247, 26.0960, 93.2352 by changing the saturation by 10% instead.

■ 27.0247, 26.0960,
93.2352

■ 27.0247, 26.0960,
93.2352

279.9421,
283.2530, 559.3390

■ 17.7285, 16.8955,
70.0783

■ 54.3431, 53.4298,
153.7987

■ 10.8537, 10.1600,
51.1131

■ 73.0960, 72.3318,
192.0424

■ 6.0351, 5.5052,
35.9213

■ 95.7318, 95.2365,
236.1520

■ 2.9073, 2.5466,
24.0842

■ 122.6159,
122.5282, 286.5462

■ 1.1049, 0.8999,
15.1833

■ 154.1136,
154.5913, 343.6434

■ 0.0292, 0.0000,
8.8001

190.5903,

■ 0.0000, 0.0000,

191.8102, 407.8623

4.5160

232.4113,
234.5693, 479.6213

■ 0.0000, 0.0000,
1.9125

■ 0.0000, 0.0000,
0.5007

■ 27.0247, 26.0960,
93.2352

■ 27.0247, 26.0960,
93.2352

■ 24.9501, 22.5393,
92.6586

■ 29.8039, 30.3013,
93.9010

■ 24.9396, 22.5209,
92.6556

■ 33.4460, 35.2448,
94.6633

■ 38.0523, 40.9874,
95.5289

■ 43.7079, 47.5807,
96.5035

■ 50.4874, 55.0708,
97.5919

■ 58.4580, 63.4999,
98.7988

■ 67.6816, 72.9069,
100.1284

■ 78.2150, 83.3281,
101.5847

■ 90.1119, 94.7978,
103.1715

Harmonies

Analogous

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



19.8172, 26.0960, 87.9082



27.0247, 26.0960, 93.2352



35.0635, 26.0960, 75.4277

Triad

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



27.0247, 26.0960, 93.2352



38.1031, 26.0960, 9.5064



13.5336, 26.0960, 15.6550

Complementary

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



27.0247, 26.0960, 93.2352



47.6358, 36.9957, 5.5521

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.



16.7699, 26.0960, 6.6214



27.0247, 26.0960, 93.2352



30.5630, 26.0960, 4.5459

Square

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



27.0247, 26.0960, 93.2352



42.2626, 26.0960, 22.6709



22.7074, 26.0960, 3.8588



12.9682, 26.0960, 35.0535

Rectangle

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



27.0247, 26.0960, 93.2352



39.4773, 26.0960, 56.4130



22.7074, 26.0960, 3.8588



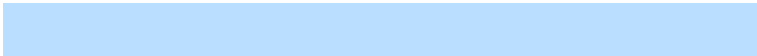
14.3079, 26.0960, 11.6620

Sweetspot

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



27.0258, 26.0968, 93.2359



64.4041, 69.8137, 104.6887



38.2771, 69.5587, 32.3712



13.1101, 14.2455, 22.3086



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.



27.0258, 26.0968, 93.2359



26.3058, 23.7315, 97.8019



18.0310, 8.1071, 90.2376



17.0265, 18.1298, 21.9873



13.4929, 12.3413, 49.6445



1.3559, 1.3554, 4.6333

Inverse Universe

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



44.2234, 22.7599, 27.2619



45.4071, 22.9269, 23.8738



70.8571, 83.4382, 13.2925



17.6199, 17.3753, 19.8541



23.1026, 11.6568, 12.5146



2.1933, 1.1011, 1.4413

Previews

White Background



This preview shows how the XYZ color 27.0247, 26.0960, 93.2352 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 27.0247, 26.0960, 93.2352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

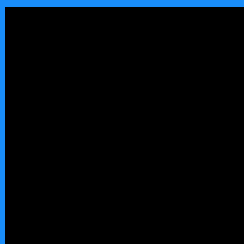
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

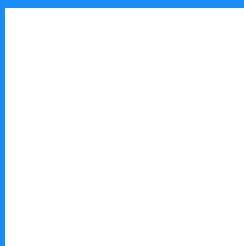
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0247, 26.0960, 93.2352

Background



This preview shows how black text looks on a background with the XYZ color 27.0247, 26.0960, 93.2352.



This preview shows how white text looks on a background with the XYZ color 27.0247, 26.0960,

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

27.0247, 26.0960, 93.2352

Protanopia

28.9615, 25.9229, 88.2712

Deuteranopia

27.0004, 26.0835, 93.2341



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

27.0247, 26.0960, 93.2352

Protanomaly

27.6739, 25.6421, 89.8771

Deuteranomaly

27.0004, 26.0835, 93.2341

Tritanomaly

20.8239, 25.5385, 56.0564

Monochromacy



Original Color

27.0247, 26.0960, 93.2352

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2186, 19.8632, 38.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0247, 26.0960, 93.2352 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(25, 141, 249)` looks like.

```
.text, #text, p{  
    color:rgb(25, 141, 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(25, 141, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 141, 249) }
```

Border

The CSS property to change the border of an element to XYZ 27.0247, 26.0960, 93.2352 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(25, 141, 249) }
```


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

```
.border{ border-color:rgb(25, 141, 249) }
```

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

Here you see how a box with a 4 pixel rgb(25, 141, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 141, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 141, 249);  
box-shadow:4px 4px 4px 4px rgb(25, 141,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0247, 26.0960, 93.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 141, 249) }
```

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

```
.background{ background-color: rgb(25, 141,  
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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