

Converting Colors

XYZ(27.0065, 26.1225, 91.6144)

Have a look what the booklet for
XYZ(27.0065, 26.1225, 91.6144)
contains.

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Color

**XYZ(27.0065, 26.1225,
91.6144)**

Conversions

Conversions Part 1

Format	Color
Hex	238DF7
RGB	35, 141, 247
RGB Percent	14%, 55%, 97%
CMY	0.8626, 0.4471, 0.0314
CMYK	0.86, 0.43, 0.00, 0.03
HSL	210°, 93%, 55%
HSV	210°, 86%, 97%
XYZ	27.0065, 26.1225, 91.6144
YIQ	121.3900, -97.2020, 10.4940

Conversions

Conversions Part 2

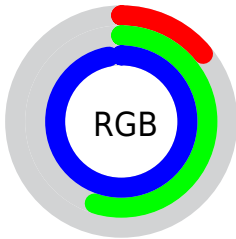
Format	Color
R _Y B	35, 106, 247
Decimal	2330103
CIE Lab	58.15, 9.08, -60.96
CIE LCh	58, 61.636, 278.476
Yxy	26.1225, 0.1866, 0.1805
Android (android.graphics.Color)	4280520183 (0xFF238DF7)
YUV	121.3900, 61.9257, -75.7640
Hunter-Lab	51.1102, 4.8762, -70.4995

Details

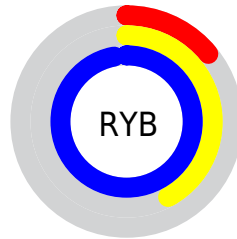
The XYZ color **27.0065, 26.1225, 91.6144** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **48.1903, 38.9529, 6.5708**, and the grayscale version is **18.1312, 19.0754, 20.7731**.

A 20% lighter version of the original color is **44.8130, 49.6551, 101.8302**, and **13.1214, 11.3720, 50.2186** is the 20% darker color. If you saturate the color by 10%, you get **24.7220, 22.3904, 91.0151**, and if you desaturate by 10%, it is **30.0845, 30.5656, 92.3104**.

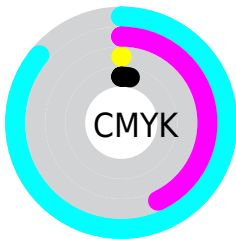
Distribution



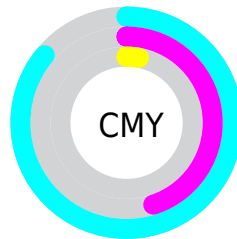
- Red (14%)
- Green (55%)
- Blue (97%)



- Red (14%)
- Yellow (42%)
- Blue (97%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (86%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0065, 26.1225, 91.6144 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 27.0065, 26.1225, 91.6144 by changing the saturation by 10% instead.

■ 27.0065, 26.1225,
91.6144

■ 27.0065, 26.1225,
91.6144

279.8556,
283.3829, 553.9736

■ 17.7147, 16.9153,
68.7392

■ 54.3141, 53.4725,
151.5339

■ 10.8438, 10.1741,
50.0289

■ 73.0607, 72.3841,
189.4152

■ 6.0284, 5.5146,
35.0650

■ 95.6895, 95.2993,
233.1357

■ 2.9032, 2.5522,
23.4290

■ 122.5660,
122.6025, 283.1138

■ 1.1028, 0.9027,
14.7023

■ 154.0555,
154.6780, 339.7681

■ 0.0274, 0.0000,
8.4664

190.5233,

■ 0.0000, 0.0000,

191.9103, 403.5171

4.3028

232.3349,
234.6838, 474.7795

■ 0.0000, 0.0000,
1.7929

■ 0.0000, 0.0000,
0.4233

■ 27.0065, 26.1225,
91.6144

■ 27.0065, 26.1225,
91.6144

■ 24.7220, 22.3904,
91.0151

■ 30.0845, 30.5656,
92.3104

■ 23.9321, 21.0024,
90.7888

■ 34.0654, 35.7849,
93.1080

■ 39.0421, 41.8374,
94.0140

■ 45.0940, 48.7728,
95.0336

■ 52.2917, 56.6357,
96.1720

■ 60.6991, 65.4671,
97.4335

■ 70.3755, 75.3053,
98.8225

■ 81.3758, 86.1860,
100.3429

■ 92.8905, 97.6992,
101.9582

Harmonies

Analogous

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



19.9228, 26.1225, 86.4382



27.0065, 26.1225, 91.6144



34.8806, 26.1225, 74.3310

Triad

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



27.0065, 26.1225, 91.6144



37.8565, 26.1225, 9.7580



13.7203, 26.1225, 15.8624

Complementary

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



27.0065, 26.1225, 91.6144



48.1903, 38.9529, 6.5708

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.



16.9212, 26.1225, 6.8639



27.0065, 26.1225, 91.6144



30.4802, 26.1225, 4.7717

Square

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



27.0065, 26.1225, 91.6144



41.9174, 26.1225, 22.8004



22.7712, 26.1225, 4.0730



13.1593, 26.1225, 34.9472

Rectangle

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



27.0065, 26.1225, 91.6144



39.1954, 26.1225, 55.8285



22.7712, 26.1225, 4.0730



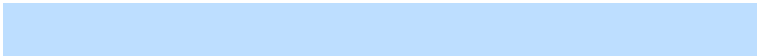
14.4871, 26.1225, 11.9005

Sweetspot

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



27.0076, 26.1233, 91.6151



65.0424, 70.1614, 104.7221



38.7637, 68.8032, 36.4417



13.2203, 14.2882, 22.3111



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.



27.0076, 26.1233, 91.6151



25.7022, 22.5245, 97.6007



18.0844, 8.2768, 88.6407



16.2657, 17.2956, 21.0237



12.7989, 11.3916, 48.0622



1.2277, 1.2067, 4.2585

Inverse Universe

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



43.7676, 22.9010, 27.3132



45.1025, 22.8050, 22.2696



71.9228, 86.4177, 14.4816



16.8447, 16.6207, 18.9286



22.2648, 11.2494, 11.3688



2.0087, 1.0095, 1.2723

Previews

White Background



This preview shows how the XYZ color 27.0065, 26.1225, 91.6144 looks on a white background.

Color Contrast Check

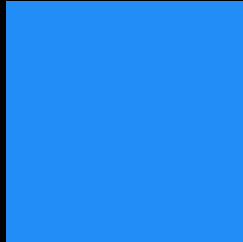
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0065, 26.1225, 91.6144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

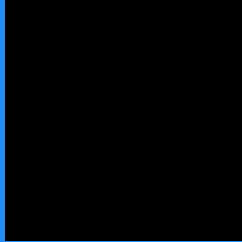
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

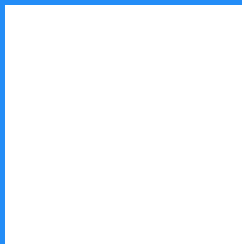
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0065, 26.1225, 91.6144

Background



This preview shows how black text looks on a background with the XYZ color 27.0065, 26.1225, 91.6144.



This preview shows how white text looks on a background with the XYZ color 27.0065, 26.1225,

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

27.0065, 26.1225, 91.6144

Protanopia

28.8555, 25.9030, 86.6980

Deuteranopia

27.0409, 26.1402, 91.6160



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

27.0065, 26.1225, 91.6144

Protanomaly

27.7219, 25.7020, 88.2939

Deuteranomaly

27.0409, 26.1402, 91.6160

Tritanomaly

20.7638, 25.5206, 55.4614

Monochromacy



Original Color

27.0065, 26.1225, 91.6144

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9107, 20.4020, 39.5005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0065, 26.1225, 91.6144 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(35, 141, 247)` looks like.

```
.text, #text, p{  
    color:rgb(35, 141, 247)  
}
```

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(35, 141, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 141, 247) }
```

Border

The CSS property to change the border of an element to XYZ 27.0065, 26.1225, 91.6144 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(35, 141, 247) }
```


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

```
.border{ border-color:rgb(35, 141, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 141, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 141, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 141, 247);  
box-shadow:4px 4px 4px 4px rgb(35, 141,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0065, 26.1225, 91.6144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 141, 247) }
```

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

```
.background{ background-color: rgb(35, 141,  
247) }
```

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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