

Converting Colors

XYZ(26.7353, 26.9079, 90.1723)

Have a look what the booklet for
XYZ(26.7353, 26.9079, 90.1723)
contains.

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Color

**XYZ(26.7320, 26.9079,
90.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	0A91F5
RGB	10, 145, 245
RGB Percent	4%, 57%, 96%
CMY	0.9605, 0.4314, 0.0392
CMYK	0.96, 0.41, 0.00, 0.04
HSL	206°, 92%, 50%
HSV	206°, 96%, 96%
XYZ	26.7320, 26.9079, 90.1710
YIQ	116.0350, -112.5600, 2.4800

Conversions

Conversions Part 2

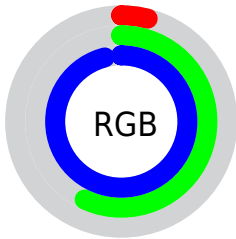
Format	Color
R _Y B	10, 96, 245
Decimal	692725
CIE Lab	58.89, 4.80, -58.70
CIE LCh	59, 58.892, 274.671
Yxy	26.9079, 0.1859, 0.1871
Android (android.graphics.Color)	4278882805 (0xFF0A91F5)
YUV	116.0350, 63.5797, -92.9927
Hunter-Lab	51.8728, 1.2103, -66.7534

Details

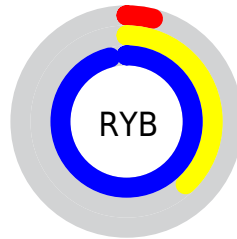
The XYZ color **26.7320, 26.9079, 90.1710** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **43.2950, 30.6015, 3.9139**, and the grayscale version is **16.4540, 17.3109, 18.8516**.

A 20% lighter version of the original color is **44.7996, 50.9877, 102.0882**, and **13.1693, 11.8153, 49.1634** is the 20% darker color. If you saturate the color by 10%, you get **25.9644, 25.5584, 89.9516**, and if you desaturate by 10%, it is **28.9531, 30.5284, 90.7534**.

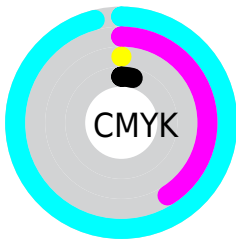
Distribution



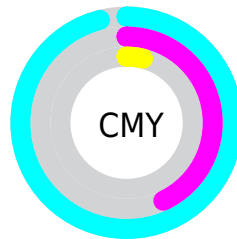
- Red (4%)
- Green (57%)
- Blue (96%)



- Red (4%)
- Yellow (38%)
- Blue (96%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7320, 26.9079, 90.1710 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 26.7320, 26.9079, 90.1710 by changing the saturation by 10% instead.

■ 26.7320, 26.9079,
90.1710

■ 26.7320, 26.9079,
90.1710

278.5484,
287.2109, 549.1714

■ 17.5076, 17.5041,
67.5480

■ 53.8764, 54.7360,
149.5135

■ 10.6946, 10.5945,
49.0657

■ 72.5272, 73.9291,
187.0700

■ 5.9276, 5.7949,
34.3056

■ 95.0508, 97.1541,
230.4415

■ 2.8414, 2.7208,
22.8492

■ 121.8125,
124.7954, 280.0464

■ 1.0704, 0.9878,
14.2780

■ 153.1778,
157.2373, 336.3033

■ 0.0002, 0.0000,
8.1733

189.5120,

■ 0.0000, 0.0000,

194.8642, 399.6307

4.1167

231.1804,
238.0606, 470.4473

■ 0.0000, 0.0000,
1.6896

■ 0.0000, 0.0000,
0.3536

■ 26.7320, 26.9079,
90.1710

■ 26.7320, 26.9079,
90.1710

■ 25.9644, 25.5584,
89.9516

■ 28.9531, 30.5284,
90.7534

■ 31.8998, 34.7455,
91.4121

■ 35.6809, 39.6209,
92.1538

■ 40.3844, 45.2051,
92.9838

■ 46.0856, 51.5421,
93.9065

■ 52.8516, 58.6713,
94.9259

■ 60.7432, 66.6288,
96.0459

■ 69.8164, 75.4480,
97.2700

■ 80.1230, 85.1602,
98.6014

Harmonies

Analogous

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



20.0417, 26.9079, 82.5249



26.7320, 26.9079, 90.1710



34.3931, 26.9079, 76.1839

Triad

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



26.7320, 26.9079, 90.1710



38.9015, 26.9079, 11.8982



14.8945, 26.9079, 15.2760

Complementary

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



26.7320, 26.9079, 90.1710



43.2950, 30.6015, 3.9139

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.



18.4101, 26.9079, 7.1487



26.7320, 26.9079, 90.1710



32.0434, 26.9079, 5.9483

Square

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



26.7320, 26.9079, 90.1710



42.2175, 26.9079, 26.1535



24.4522, 26.9079, 4.7533



14.0067, 26.9079, 32.6853

Rectangle

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



26.7320, 26.9079, 90.1710



38.7796, 26.9079, 59.1332



24.4522, 26.9079, 4.7533



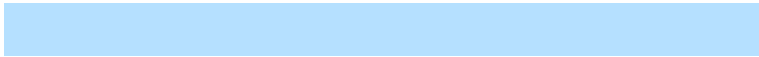
15.7704, 26.9079, 11.6924

Sweetspot

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



26.7331, 26.9087, 90.1717



63.6454, 70.1050, 104.7849



35.4832, 66.4521, 25.1319



12.8357, 14.2107, 22.3164



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.



26.7331, 26.9087, 90.1717



28.3996, 27.9192, 98.4999



17.0630, 7.5684, 86.9483



16.3715, 17.5072, 21.0589



14.1276, 14.0491, 48.5052



1.3434, 1.4383, 4.2970

Inverse Universe

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



42.8767, 21.6756, 28.7124



46.4640, 23.3496, 29.4393



64.7514, 73.5142, 11.0660



16.8981, 16.6421, 19.2099



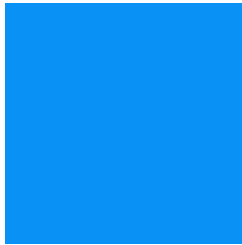
22.9355, 11.5176, 14.9006



2.0672, 1.0328, 1.5801

Previews

White Background



This preview shows how the XYZ color 26.7320, 26.9079, 90.1710 looks on a white background.

Color Contrast Check

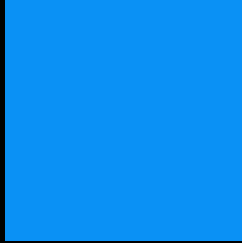
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7320, 26.9079, 90.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

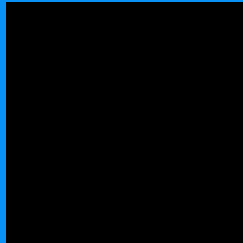
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

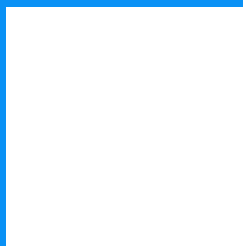
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7320, 26.9079, 90.1710

Background



This preview shows how black text looks on a background with the XYZ color 26.7320, 26.9079, 90.1710.



This preview shows how white text looks on a background with the XYZ color 26.7320, 26.9079,

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

26.7320, 26.9079, 90.1710

Protanopia

29.4153, 26.6610, 84.4847

Deuteranopia

27.9783, 27.0830, 90.9417



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

26.7320, 26.9079, 90.1710

Protanomaly

27.5020, 26.2653, 86.8393

Deuteranomaly

27.4071, 27.0124, 90.9582

Tritanomaly

21.1286, 26.4224, 55.6162

Monochromacy



Original Color

26.7320, 26.9079, 90.1710

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2608, 19.4009, 37.4853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7320, 26.9079, 90.1710 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(10, 145, 245)` looks like.

```
.text, #text, p{  
    color:rgb(10, 145, 245)  
}
```

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(10, 145, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 145, 245) }
```

Border

The CSS property to change the border of an element to XYZ 26.7320, 26.9079, 90.1710 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(10, 145, 245) }
```


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

```
.border{ border-color:rgb(10, 145, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 145, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 145, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 145, 245);  
box-shadow:4px 4px 4px 4px rgb(10, 145,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7320, 26.9079, 90.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 145, 245) }
```

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

```
.background{ background-color: rgb(10, 145,  
245) }
```

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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