

Converting Colors

XYZ(26.8222, 26.3106, 91.6617)

Have a look what the booklet for
XYZ(26.8222, 26.3106, 91.6617)
contains.

XYZ(26.7708, 26.2208, 91.6458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7708, 26.2208,
91.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	158EF7
RGB	21, 142, 247
RGB Percent	8%, 56%, 97%
CMY	0.9175, 0.4431, 0.0314
CMYK	0.91, 0.43, 0.00, 0.03
HSL	208°, 93%, 53%
HSV	208°, 91%, 97%
XYZ	26.7708, 26.2208, 91.6458
YIQ	117.7910, -105.8210, 7.0030

Conversions

Conversions Part 2

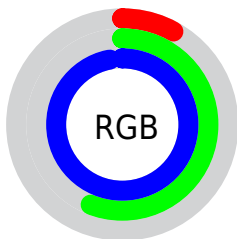
Format	Color
R _Y B	21, 100, 247
Decimal	1412855
CIE Lab	58.25, 7.73, -60.82
CIE LCh	58, 61.312, 277.238
Yxy	26.2208, 0.1851, 0.1813
Android (android.graphics.Color)	4279602935 (0xFF158EF7)
YUV	117.7910, 63.7000, -84.8857
Hunter-Lab	51.2062, 3.7095, -70.2692

Details

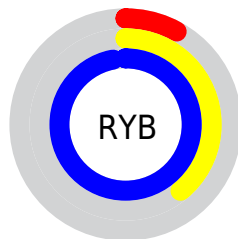
The XYZ color **26.7708, 26.2208, 91.6458** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **45.9605, 34.7620, 4.9990**, and the grayscale version is **16.9902, 17.8750, 19.4659**.

A 20% lighter version of the original color is **44.5045, 49.8276, 101.8798**, and **13.2086, 11.5464, 50.2477** is the 20% darker color. If you saturate the color by 10%, you get **25.0699, 23.2780, 91.1680**, and if you desaturate by 10%, it is **29.3736, 30.2299, 92.2831**.

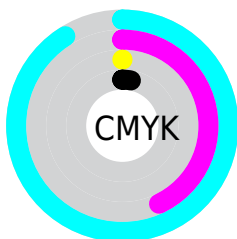
Distribution



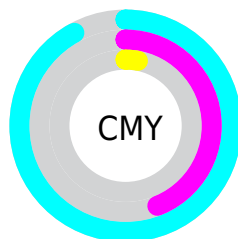
- Red (8%)
- Green (56%)
- Blue (97%)



- Red (8%)
- Yellow (39%)
- Blue (97%)



- Cyan (91%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (92%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7708, 26.2208, 91.6458 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 26.7708, 26.2208, 91.6458 by changing the saturation by 10% instead.

■ 26.7708, 26.2208,
91.6458

■ 26.7708, 26.2208,
91.6458

278.7335,
283.8643, 554.0778

■ 17.5369, 16.9889,
68.7651

■ 53.9383, 53.6309,
151.5778

■ 10.7157, 10.2266,
50.0499

■ 72.6027, 72.5780,
189.4662

■ 5.9419, 5.5494,
35.0816

■ 95.1411, 95.5321,
233.1942

■ 2.8501, 2.5731,
23.4416

■ 121.9191,
122.8779, 283.1804

■ 1.0750, 0.9132,
14.7116

■ 153.3020,
154.9996, 339.8433

■ 0.0040, 0.0000,
8.4729

189.6551,

■ 0.0000, 0.0000,

192.2816, 403.6015

4.3069

231.3438,
235.1084, 474.8735

■ 0.0000, 0.0000,
1.7952

■ 0.0000, 0.0000,
0.4248

■ 26.7708, 26.2208,
91.6458

■ 26.7708, 26.2208,
91.6458

■ 25.0699, 23.2780,
91.1680

■ 29.3736, 30.2299,
92.2831

■ 32.7940, 34.9288,
93.0098

■ 37.1338, 40.3775,
93.8328

■ 42.4775, 46.6266,
94.7573

■ 48.8992, 53.7208,
95.7882

■ 56.4652, 61.7009,
96.9297

■ 65.2363, 70.6045,
98.1860

■ 75.2685, 80.4664,
99.5608

■ 86.6143, 91.3198,
101.0577

Harmonies

Analogous

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



19.7807, 26.2208, 85.5457



26.7708, 26.2208, 91.6458



34.6338, 26.2208, 75.2463

Triad

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



26.7708, 26.2208, 91.6458



38.1537, 26.2208, 10.2254



13.9096, 26.2208, 15.4377

Complementary

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



26.7708, 26.2208, 91.6458



45.9605, 34.7620, 4.9990

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.



17.2202, 26.2208, 6.7610



26.7708, 26.2208, 91.6458



30.8850, 26.2208, 4.9693

Square

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



26.7708, 26.2208, 91.6458



42.0039, 26.2208, 23.6868



23.1605, 26.2208, 4.1278



13.2417, 26.2208, 34.0370

Rectangle

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



26.7708, 26.2208, 91.6458



39.0126, 26.2208, 57.0006



23.1605, 26.2208, 4.1278



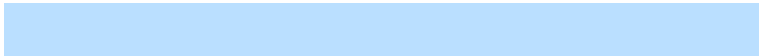
14.7129, 26.2208, 11.6072

Sweetspot

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



26.7719, 26.2216, 91.6465



64.7254, 70.4564, 104.7958



37.1292, 68.1051, 29.8376



13.1857, 14.3967, 22.3338



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.



26.7719, 26.2216, 91.6465



26.9252, 24.9703, 98.0084



17.6246, 7.9270, 88.5974



16.3158, 17.3959, 21.0404



13.4023, 12.5984, 48.2634



1.2808, 1.3129, 4.2762

Inverse Universe

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



43.5096, 22.2653, 27.5959



45.7198, 23.0519, 25.5202



68.4038, 79.6486, 12.4801



16.8700, 16.6308, 19.0620



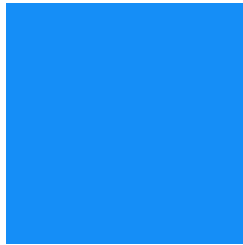
22.5694, 11.3712, 12.9726



2.0355, 1.0202, 1.4135

Previews

White Background



This preview shows how the XYZ color 26.7708, 26.2208, 91.6458 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 26.7708, 26.2208, 91.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

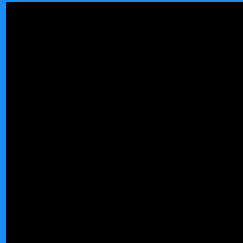
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

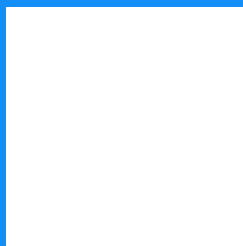
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7708, 26.2208, 91.6458

Background



This preview shows how black text looks on a background with the XYZ color 26.7708, 26.2208, 91.6458.



This preview shows how white text looks on a background with the XYZ color 26.7708, 26.2208,

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

26.7708, 26.2208, 91.6458

Protanopia

29.0950, 26.2345, 86.7494

Deuteranopia

27.1127, 26.1772, 91.6194



Tritanopia

18.5129, 26.1593, 39.6708

Trichromacy



Original Color

26.7708, 26.2208, 91.6458

Protanomaly

27.5129, 25.8063, 88.3250

Deuteranomaly

26.9090, 26.0722, 91.6099

Tritanomaly

20.8568, 25.8044, 55.5112

Monochromacy



Original Color

26.7708, 26.2208, 91.6458

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.9482, 19.7344, 38.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7708, 26.2208, 91.6458 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(21, 142, 247)` looks like.

```
.text, #text, p{  
    color:rgb(21, 142, 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(21, 142, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 142, 247) }
```

Border

The CSS property to change the border of an element to XYZ 26.7708, 26.2208, 91.6458 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(21, 142, 247) }
```


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

```
.border{ border-color:rgb(21, 142, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 142, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 142, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 142, 247);  
box-shadow:4px 4px 4px 4px rgb(21, 142,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7708, 26.2208, 91.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 142, 247) }
```

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

```
.background{ background-color: rgb(21, 142,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor