

Converting Colors

XYZ(26.6015, 22.7999, 90.0224)

Have a look what the booklet for
XYZ(26.6015, 22.7999, 90.0224)
contains.

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Color

**XYZ(26.6939, 22.9151,
90.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	477EF6
RGB	71, 126, 246
RGB Percent	28%, 49%, 96%
CMY	0.7215, 0.5059, 0.0353
CMYK	0.71, 0.49, 0.00, 0.04
HSL	221°, 91%, 62%
HSV	221°, 71%, 96%
XYZ	26.6939, 22.9151, 90.2049
YIQ	123.2350, -71.3000, 25.6600

Conversions

Conversions Part 2

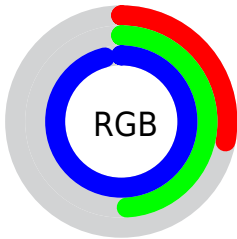
Format	Color
R _Y B	71, 113, 246
Decimal	4685558
CIE _{Lab}	54.98, 21.47, -65.45
CIE _{LCh}	55, 68.883, 288.159
Y _{xy}	22.9151, 0.1909, 0.1639
Android (android.graphics.Color)	4282875638 (0xFF477EF6)
Y _{UV}	123.2350, 60.5231, -45.8101
Hunter-Lab	47.8697, 15.7661, -78.2163

Details

The XYZ color **26.6939, 22.9151, 90.2049** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **57.7772, 57.3145, 13.9807**, and the grayscale version is **18.7290, 19.7043, 21.4580**.

A 20% lighter version of the original color is **44.6179, 44.5498, 100.8551**, and **11.9097, 9.1229, 49.2773** is the 20% darker color. If you saturate the color by 10%, you get **23.2626, 18.2096, 89.4780**, and if you desaturate by 10%, it is **31.2207, 28.7256, 91.0884**.

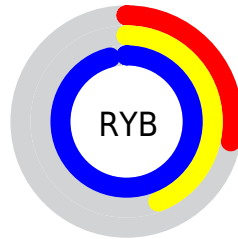
Distribution



Red (28%)

Green (49%)

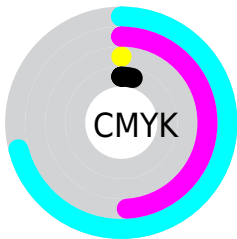
Blue (96%)



Red (28%)

Yellow (44%)

Blue (96%)

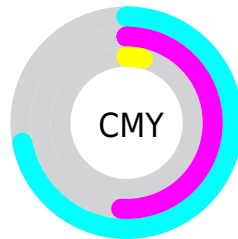


Cyan (71%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6939, 22.9151, 90.2049 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 26.6939, 22.9151, 90.2049 by changing the saturation by 10% instead.

■ 26.6939, 22.9151,
90.2049

■ 26.6939, 22.9151,
90.2049

278.3666,
267.2886, 549.2844

■ 17.4789, 14.5308,
67.5759

■ 53.8156, 48.2539,
149.5610

■ 10.6739, 8.4908,
49.0883

■ 72.4531, 65.9772,
187.1252

■ 5.9137, 4.4106,
34.3234

■ 94.9620, 87.5823,
230.5049

■ 2.8328, 1.9058,
22.8628

■ 121.7078,
113.4536, 280.1186

■ 1.0660, 0.5518,
14.2879

153.0558,
143.9755, 336.3848

■ 0.0000, 0.0000,
8.1801

189.3713,

■ 0.0000, 0.0000,

179.5324, 399.7222

4.1210

231.0198,
220.5086, 470.5492

■ 0.0000, 0.0000,
1.6920

■ 0.0000, 0.0000,
0.3552

■ 26.6939, 22.9151,
90.2049

■ 26.6939, 22.9151,
90.2049

■ 23.2626, 18.2096,
89.4780

■ 31.2207, 28.7256,
91.0884

■ 20.8112, 14.5220,
88.8955

■ 36.9355, 35.7136,
92.1360

■ 19.3099, 12.0043,
88.4886

■ 43.9236, 43.9467,
93.3569

■ 52.2613, 53.4866,
94.7588

■ 62.0186, 64.3904,
96.3492

■ 73.2602, 76.7115,
98.1349

■ 86.0471, 90.5006,
100.1225

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



18.8991, 22.9151, 93.0659



26.6939, 22.9151, 90.2049



34.6800, 22.9151, 64.9238

Triad

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



26.6939, 22.9151, 90.2049



33.1400, 22.9151, 4.8856



10.3223, 22.9151, 17.2662

Complementary

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



26.6939, 22.9151, 90.2049



57.7772, 57.3145, 13.9807

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.



12.5564, 22.9151, 6.0787



26.6939, 22.9151, 90.2049



24.9400, 22.9151, 2.2608

Square

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



26.6939, 22.9151, 90.2049



38.9607, 22.9151, 13.9892



17.5097, 22.9151, 2.5120



10.5795, 22.9151, 40.5184

Rectangle

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



26.6939, 22.9151, 90.2049



38.4864, 22.9151, 44.1342



17.5097, 22.9151, 2.5120



10.7805, 22.9151, 12.3304

Sweetspot

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



26.6950, 22.9158, 90.2055



67.4021, 69.9870, 104.5641



44.9139, 70.9954, 60.3887



13.7651, 14.2462, 22.2742



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.



26.6950, 22.9158, 90.2055



24.0500, 18.0198, 96.8183



24.4928, 14.0508, 88.6105



16.0061, 16.7764, 20.9371



10.4171, 6.6280, 47.2683



1.0037, 0.7588, 4.1838

Inverse Universe

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



44.0262, 25.6072, 22.3611



44.5615, 23.7104, 15.9626



61.8017, 80.6510, 18.2730



16.7136, 16.5683, 18.2386



21.0626, 10.7685, 5.0379



1.8957, 0.9642, 0.6771

Previews

White Background



This preview shows how the XYZ color 26.6939, 22.9151, 90.2049 looks on a white background.

Color Contrast Check

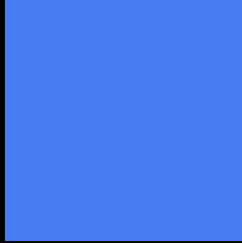
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6939, 22.9151, 90.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

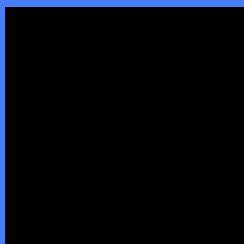
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

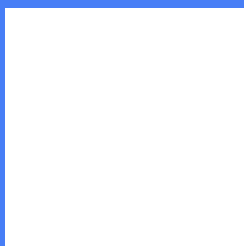
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6939, 22.9151, 90.2049

Background



This preview shows how black text looks on a background with the XYZ color 26.6939, 22.9151, 90.2049.



This preview shows how white text looks on a background with the XYZ color 26.6939, 22.9151,

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

26.6939, 22.9151, 90.2049

Protanopia

26.5578, 23.0180, 91.0388

Deuteranopia

23.2388, 22.7156, 81.0016



Tritanopia

16.1261, 22.6511, 34.9747

Trichromacy



Original Color

26.6939, 22.9151, 90.2049

Protanomaly

26.6926, 23.0874, 91.0452

Deuteranomaly

23.8413, 22.3579, 83.9479

Tritanomaly

18.6998, 22.0707, 51.4186

Monochromacy



Original Color

26.6939, 22.9151, 90.2049

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.9845, 20.1855, 39.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6939, 22.9151, 90.2049 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(71, 126, 246)` looks like.

```
.text, #text, p{  
    color:rgb(71, 126, 246)  
}
```

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(71, 126, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 126, 246) }
```

Border

The CSS property to change the border of an element to XYZ 26.6939, 22.9151, 90.2049 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(71, 126, 246) }
```


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

```
.border{ border-color:rgb(71, 126, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 126, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 126, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 126, 246);  
box-shadow:4px 4px 4px 4px rgb(71, 126,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6939, 22.9151, 90.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 126, 246) }
```

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

```
.background{ background-color: rgb(71, 126,  
246) }
```

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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