

Converting Colors

XYZ(26.0711, 22.9045, 84.7172)

Have a look what the booklet for
XYZ(26.0711, 22.9045, 84.7172)
contains.

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Color

**XYZ(26.0710, 22.9066,
84.7087)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7FEF
RGB	75, 127, 239
RGB Percent	29%, 50%, 94%
CMY	0.7058, 0.5020, 0.0627
CMYK	0.69, 0.47, 0.00, 0.06
HSL	221°, 84%, 62%
HSV	221°, 69%, 94%
XYZ	26.0710, 22.9066, 84.7087
YIQ	124.2200, -66.9440, 23.8080

Conversions

Conversions Part 2

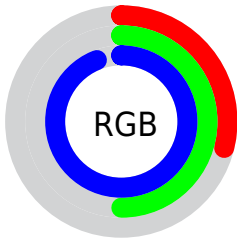
Format	Color
R _Y B	75, 114, 239
Decimal	4947951
CIE Lab	54.98, 18.94, -61.57
CIE LCh	55, 64.419, 287.098
Yxy	22.9066, 0.1950, 0.1713
Android (android.graphics.Color)	4283138031 (0xFF4B7FEF)
YUV	124.2200, 56.5865, -43.1659
Hunter-Lab	47.8608, 13.4770, -71.4345

Details

The XYZ color **26.0710, 22.9066, 84.7087** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **54.6396, 54.4038, 14.2796**, and the grayscale version is **19.0660, 20.0589, 21.8441**.

A 20% lighter version of the original color is **44.9853, 45.0356, 100.9295**, and **11.2395, 8.9694, 45.3948** is the 20% darker color. If you saturate the color by 10%, you get **22.6003, 18.2374, 83.9909**, and if you desaturate by 10%, it is **30.5870, 28.6219, 85.5744**.

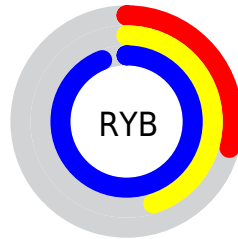
Distribution



Red (29%)

Green (50%)

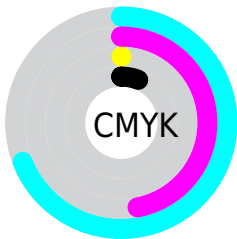
Blue (94%)



Red (29%)

Yellow (45%)

Blue (94%)

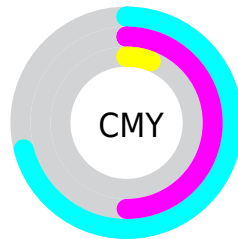


Cyan (69%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0710, 22.9066, 84.7087 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 26.0710, 22.9066, 84.7087 by changing the saturation by 10% instead.

■ 26.0710, 22.9066,
84.7087

■ 26.0710, 22.9066,
84.7087

275.3807,
267.2449, 530.7831

■ 17.0097, 14.5246,
63.0520

■ 52.8199, 48.2399,
141.8367

■ 10.3368, 8.4864,
45.4420

■ 71.2383, 65.9600,
178.1450

■ 5.6868, 4.4077,
31.4602

■ 93.5065, 87.5615,
220.1742

■ 2.6944, 1.9042,
20.6881

■ 119.9897,
113.4289, 268.3429

■ 0.9943, 0.5509,
12.7072

151.0534,
143.9465, 323.0696

■ 0.0000, 0.0000,
7.0989

187.0629,

■ 0.0000, 0.0000,

179.4988, 384.7728

3.4446

228.3836,
220.4701, 453.8711

■ 0.0000, 0.0000,
1.3259

■ 0.0000, 0.0000,
0.0829

■ 26.0710, 22.9066,
84.7087

■ 26.0710, 22.9066,
84.7087

■ 22.6003, 18.2374,
83.9909

■ 30.5870, 28.6219,
85.5744

■ 20.0720, 14.5366,
83.4098

■ 36.2310, 35.4483,
86.5945

■ 18.3482, 11.7068,
82.9545

■ 43.0802, 43.4471,
87.7775

■ 18.1488, 11.3695,
82.8999

■ 51.2038, 52.6741,
89.1303

■ 60.6656, 63.1814,
90.6597

■ 71.5249, 75.0179,
92.3720

■ 83.8374, 88.2296,
94.2732

■ 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



18.8432, 22.9066, 86.4061



26.0710, 22.9066, 84.7087



33.4804, 22.9066, 62.5120

Triad

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



26.0710, 22.9066, 84.7087



32.5409, 22.9066, 5.7844



10.9293, 22.9066, 17.1396

Complementary

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



26.0710, 22.9066, 84.7087



54.6396, 54.4038, 14.2796

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.



13.1715, 22.9066, 6.5887



26.0710, 22.9066, 84.7087



24.9897, 22.9066, 2.8786

Square

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



26.0710, 22.9066, 84.7087



37.7407, 22.9066, 15.0609



17.9737, 22.9066, 3.0591



11.0947, 22.9066, 38.4063

Rectangle

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



26.0710, 22.9066, 84.7087



37.0575, 22.9066, 43.6246



17.9737, 22.9066, 3.0591



11.4014, 22.9066, 12.5386

Sweetspot

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



26.0720, 22.9073, 84.7093



67.4409, 70.0647, 104.5771



42.4563, 66.7045, 56.1705



13.7743, 14.2645, 22.2773



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.



26.0720, 22.9073, 84.7093



24.9876, 19.4293, 97.0410



23.6152, 14.1103, 83.1408



15.3062, 16.0466, 20.0122



10.1334, 6.4910, 45.8467



0.9291, 0.7122, 3.8427

Inverse Universe

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



41.9444, 24.9167, 22.6777



45.1484, 24.3803, 17.7117



59.1931, 76.1894, 18.2446



15.9793, 15.8414, 17.4470



20.4405, 10.4486, 4.9702



1.7439, 0.8866, 0.6423

Previews

White Background



This preview shows how the XYZ color 26.0710, 22.9066, 84.7087 looks on a white background.

Color Contrast Check

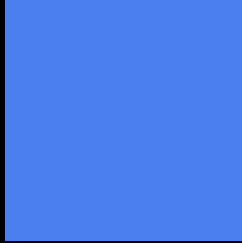
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0710, 22.9066, 84.7087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

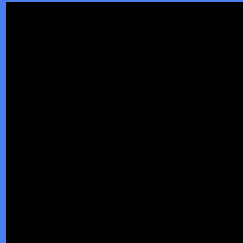
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

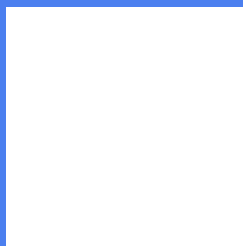
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0710, 22.9066, 84.7087

Background



This preview shows how black text looks on a background with the XYZ color 26.0710, 22.9066, 84.7087.



This preview shows how white text looks on a background with the XYZ color 26.0710, 22.9066,

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

26.0710, 22.9066, 84.7087

Protanopia

26.0710, 22.9066, 84.7087

Deuteranopia

23.5279, 22.8312, 82.5237



Tritanopia

16.2112, 22.6851, 35.4225

Trichromacy



Original Color

26.0710, 22.9066, 84.7087

Protanomaly

26.0710, 22.9066, 84.7087

Deuteranomaly

23.8544, 22.5800, 83.2219

Tritanomaly

18.5101, 21.9978, 50.2841

Monochromacy



Original Color

26.0710, 22.9066, 84.7087

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1604, 20.4846, 38.9677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0710, 22.9066, 84.7087 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(75, 127, 239)` looks like.

```
.text, #text, p{  
    color:rgb(75, 127, 239)  
}
```

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(75, 127, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 127, 239) }
```

Border

The CSS property to change the border of an element to XYZ 26.0710, 22.9066, 84.7087 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(75, 127, 239) }
```


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

```
.border{ border-color:rgb(75, 127, 239) }
```

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

Here you see how a box with a 4 pixel rgb(75, 127, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 127, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 127, 239);  
box-shadow:4px 4px 4px 4px rgb(75, 127,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0710, 22.9066, 84.7087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 127, 239) }
```

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

```
.background{ background-color: rgb(75, 127,  
239) }
```

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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