

Converting Colors

XYZ(26.5930, 22.6996, 97.5876)

Have a look what the booklet for
XYZ(26.5930, 22.6996, 97.5876)
contains.

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Color

**XYZ(26.5930, 22.6996,
97.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7EFF
RGB	45, 126, 255
RGB Percent	18%, 49%, 100%
CMY	0.8235, 0.5059, 0.0000
CMYK	0.82, 0.51, 0.00, 0.00
HSL	217°, 100%, 59%
HSV	217°, 82%, 100%
XYZ	26.5930, 22.6996, 97.5876
YIQ	116.4870, -89.6850, 22.9470

Conversions

Conversions Part 2

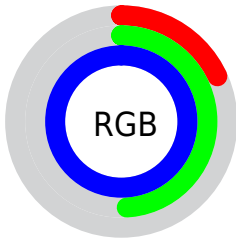
Format	Color
R _Y B	45, 103, 255
Decimal	2981631
CIE Lab	54.76, 22.02, -70.83
CIE LCh	55, 74.171, 287.268
Yxy	22.6996, 0.1811, 0.1545
Android (android.graphics.Color)	4281171711 (0xFF2D7EFF)
YUV	116.4870, 68.2869, -62.6941
Hunter-Lab	47.6441, 16.2543, -88.0906

Details

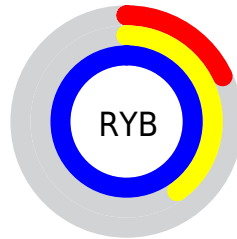
The XYZ color **26.5930, 22.6996, 97.5876** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **56.8539, 51.7293, 9.4729**, and the grayscale version is **16.5685, 17.4313, 18.9827**.

A 20% lighter version of the original color is **42.4278, 43.4208, 100.7526**, and **12.8024, 9.4800, 53.9784** is the 20% darker color. If you saturate the color by 10%, you get **23.9409, 18.5880, 96.9338**, and if you desaturate by 10%, it is **30.2369, 27.7883, 98.3778**.

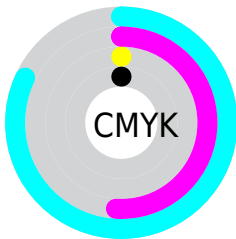
Distribution



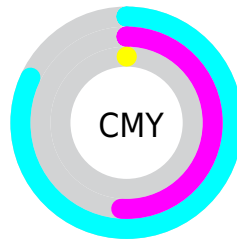
- Red (18%)
- Green (49%)
- Blue (100%)



- Red (18%)
- Yellow (40%)
- Blue (100%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5930, 22.6996, 97.5876 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 26.5930, 22.6996, 97.5876 by changing the saturation by 10% instead.

■ 26.5930, 22.6996,
97.5876

■ 26.5930, 22.6996,
97.5876

277.8847,
266.1783, 573.6107

■ 17.4028, 14.3719,
73.6818

■ 53.6546, 47.8996,
159.8609

■ 10.6192, 8.3797,
54.0384

■ 72.2567, 65.5406,
199.0654

■ 5.8768, 4.3389,
38.2390

■ 94.7268, 87.0549,
244.2065

■ 2.8102, 1.8649,
25.8649

■ 121.4302,
112.8268, 295.7028

■ 1.0542, 0.5271,
16.4978

152.7324,
143.2407, 353.9729

■ 0.0000, 0.0000,
9.7189

188.9986,

■ 0.0000, 0.0000,

178.6809, 419.4352

5.1098

230.5942,
219.5320, 492.5083

■ 0.0000, 0.0000,
2.2520

■ 0.0000, 0.0000,
0.7041

■ 26.5930, 22.6996,
97.5876

■ 26.5930, 22.6996,
97.5876

■ 23.9409, 18.5880,
96.9338

■ 30.2369, 27.7883,
98.3778

■ 22.4498, 16.0196,
96.5166

■ 34.9892, 33.9343,
99.3136

■ 40.9514, 41.2089,
100.4035

■ 48.2115, 49.6754,
101.6550

■ 56.8488, 59.3920,
103.0753

■ 66.9359, 70.4122,
104.6708

■ 78.5398, 82.7864,
106.4476

■ 91.7233, 96.5619,
108.4117

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



18.2890, 22.6996, 99.9129



26.5930, 22.6996, 97.5876



35.3249, 22.6996, 69.6580

Triad

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



26.5930, 22.6996, 97.5876



34.1152, 22.6996, 4.1898



9.5762, 22.6996, 16.0531

Complementary

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



26.5930, 22.6996, 97.5876



56.8539, 51.7293, 9.4729

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.



11.9559, 22.6996, 5.0111



26.5930, 22.6996, 97.5876



25.2334, 22.6996, 1.6664

Square

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



26.5930, 22.6996, 97.5876



40.3661, 22.6996, 13.6044



17.2321, 22.6996, 1.8241



9.7650, 22.6996, 40.6573

Rectangle

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



26.5930, 22.6996, 97.5876



39.5920, 22.6996, 46.5472



17.2321, 22.6996, 1.8241



10.0707, 22.6996, 11.0688

Sweetspot

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



26.5940, 22.7002, 97.5877



64.1126, 67.3564, 104.2297



44.1945, 75.0189, 50.6829



12.9578, 13.5825, 22.1887



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.



26.5940, 22.7002, 97.5877



22.6304, 16.3334, 96.5676



21.2371, 10.2572, 95.4683



17.5773, 18.5263, 22.8995



11.8641, 8.6378, 50.4765



1.2572, 1.0450, 4.9487

Inverse Universe

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



45.9451, 24.6447, 22.0741



43.5635, 22.2337, 14.0290



70.1664, 89.2024, 16.0043



18.2993, 18.1030, 20.1933



22.7766, 11.6000, 7.4743



2.2692, 1.1500, 0.9988

Previews

White Background



This preview shows how the XYZ color 26.5930, 22.6996, 97.5876 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 26.5930, 22.6996, 97.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

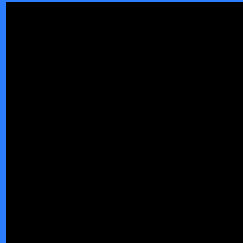
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

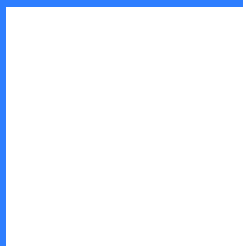
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5930, 22.6996, 97.5876

Background



This preview shows how black text looks on a background with the XYZ color 26.5930, 22.6996, 97.5876.



This preview shows how white text looks on a background with the XYZ color 26.5930, 22.6996,

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

26.5930, 22.6996, 97.5876

Protanopia

26.8761, 22.8455, 97.6008

Deuteranopia

22.8113, 22.5446, 78.7506



Tritanopia

15.8060, 22.2796, 34.0392

Trichromacy



Original Color

26.5930, 22.6996, 97.5876

Protanomaly

26.7775, 22.7947, 97.5962

Deuteranomaly

23.9245, 22.3667, 85.4943

Tritanomaly

18.5633, 21.7631, 52.5125

Monochromacy



Original Color

26.5930, 22.6996, 97.5876

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9080, 18.3966, 39.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5930, 22.6996, 97.5876 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(45, 126, 255)` looks like.

```
.text, #text, p{  
  color:rgb(45, 126, 255)  
}
```

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(45, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 126, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.5930, 22.6996, 97.5876 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(45, 126, 255) }
```


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

```
.border{ border-color:rgb(45, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(45, 126,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5930, 22.6996, 97.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 126, 255) }
```

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

```
.background{ background-color: rgb(45, 126,  
255) }
```

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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