

Converting Colors

XYZ(26.5581, 22.7879, 97.6065)

Have a look what the booklet for
XYZ(26.5581, 22.7879, 97.6065)
contains.

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Color

**XYZ(26.6356, 22.9123,
97.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7FFF
RGB	43, 127, 255
RGB Percent	17%, 50%, 100%
CMY	0.8313, 0.5020, 0.0000
CMYK	0.83, 0.50, 0.00, 0.00
HSL	216°, 100%, 58%
HSV	216°, 83%, 100%
XYZ	26.6356, 22.9123, 97.6264
YIQ	116.4760, -91.1520, 22.0000

Conversions

Conversions Part 2

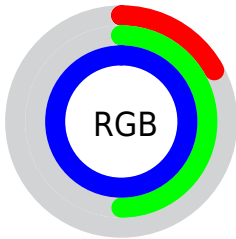
Format	Color
R _Y B	43, 103, 255
Decimal	2850815
CIE Lab	54.98, 21.24, -70.47
CIE LCh	55, 73.605, 286.774
Yxy	22.9123, 0.1810, 0.1557
Android (android.graphics.Color)	4281040895 (0xFF2B7FFF)
YUV	116.4760, 68.2923, -64.4385
Hunter-Lab	47.8668, 15.5599, -87.4178

Details

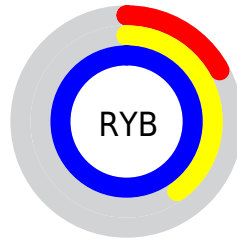
The XYZ color **26.6356, 22.9123, 97.6264** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **56.2435, 50.5687, 9.0840**, and the grayscale version is **16.5656, 17.4283, 18.9794**.

A 20% lighter version of the original color is **42.4823, 43.7453, 100.8124**, and **12.8740, 9.6232, 54.0022** is the 20% darker color. If you saturate the color by 10%, you get **24.0410, 18.8448, 96.9781**, and if you desaturate by 10%, it is **30.2028, 27.9325, 98.4074**.

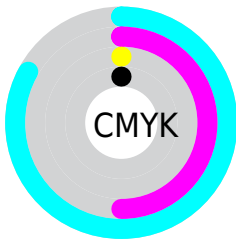
Distribution



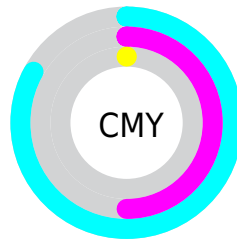
- Red (17%)
- Green (50%)
- Blue (100%)



- Red (17%)
- Yellow (40%)
- Blue (100%)



- Cyan (83%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6356, 22.9123, 97.6264 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 26.6356, 22.9123, 97.6264 by changing the saturation by 10% instead.

■ 26.6356, 22.9123,
97.6264

■ 26.6356, 22.9123,
97.6264

278.0882,
267.2742, 573.7371

■ 17.4349, 14.5288,
73.7139

■ 53.7226, 48.2493,
159.9148

■ 10.6423, 8.4893,
54.0646

■ 72.3396, 65.9715,
199.1278

■ 5.8923, 4.4096,
38.2598

■ 94.8261, 87.5754,
244.2780

■ 2.8198, 1.9052,
25.8810

■ 121.5474,
113.4455, 295.7841

■ 1.0592, 0.5515,
16.5096

152.8689,
143.9659, 354.0645

■ 0.0000, 0.0000,
9.7273

189.1560,

■ 0.0000, 0.0000,

179.5213, 419.5378

5.1153

230.7740,
220.4959, 492.6224

■ 0.0000, 0.0000,
2.2551

■ 0.0000, 0.0000,
0.7059

■ 26.6356, 22.9123,
97.6264

■ 26.6356, 22.9123,
97.6264

■ 24.0410, 18.8448,
96.9781

■ 30.2028, 27.9325,
98.4074

■ 22.7058, 16.5316,
96.6019

■ 34.8604, 33.9850,
99.3302

■ 40.7103, 41.1404,
100.4030

■ 47.8408, 49.4614,
101.6333

■ 56.3310, 59.0050,
103.0279

■ 66.2533, 69.8240,
104.5932

■ 77.6748, 81.9678,
106.3352

■ 90.6580, 95.4830,
108.2596

■ 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.



18.3758, 22.9123, 99.4286



26.6356, 22.9123, 97.6264



35.3548, 22.9123, 70.2180

Triad

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



26.6356, 22.9123, 97.6264



34.4128, 22.9123, 4.4227



9.7806, 22.9123, 16.0011

Complementary

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



26.6356, 22.9123, 97.6264



56.2435, 50.5687, 9.0840

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.



12.2152, 22.9123, 5.0742



26.6356, 22.9123, 97.6264



25.5750, 22.9123, 1.7769

Square

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



26.6356, 22.9123, 97.6264



40.5583, 22.9123, 14.0814



17.5492, 22.9123, 1.9037



9.9291, 22.9123, 40.3234

Rectangle

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



26.6356, 22.9123, 97.6264



39.6493, 22.9123, 47.2420



17.5492, 22.9123, 1.9037



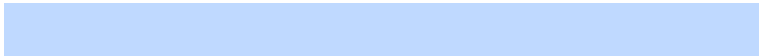
10.2918, 22.9123, 11.0737

Sweetspot

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



26.6366, 22.9129, 97.6265



64.2844, 67.7000, 104.2870



44.0327, 74.9443, 50.2788



12.9983, 13.6636, 22.2022



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.



26.6366, 22.9129, 97.6265



22.7058, 16.5316, 96.6019



21.0434, 10.0467, 95.4378



17.5934, 18.5584, 22.9048



11.9999, 8.9094, 50.5218



1.2714, 1.0736, 4.9535

Inverse Universe

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



45.9355, 24.5217, 22.3908



43.5900, 22.2000, 14.3051



70.0632, 89.1535, 15.8033



18.3074, 18.1063, 20.2360



22.8452, 11.6274, 7.8352



2.2764, 1.1529, 1.0368

Previews

White Background



This preview shows how the XYZ color 26.6356, 22.9123, 97.6264 looks on a white background.

Color Contrast Check

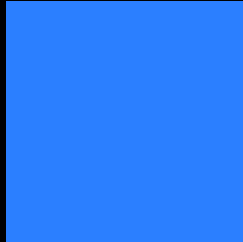
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6356, 22.9123, 97.6264 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

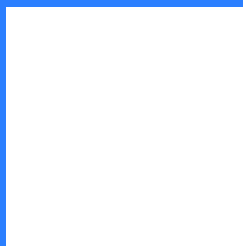
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6356, 22.9123, 97.6264

Background



This preview shows how black text looks on a background with the XYZ color 26.6356, 22.9123, 97.6264.



This preview shows how white text looks on a background with the XYZ color 26.6356, 22.9123,

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

26.6356, 22.9123, 97.6264

Protanopia

26.8716, 22.8617, 96.7624

Deuteranopia

23.0955, 22.6582, 80.2470



Tritanopia

16.0418, 22.6174, 34.5304

Trichromacy



Original Color

26.6356, 22.9123, 97.6264

Protanomaly

26.6656, 22.7556, 96.7528

Deuteranomaly

24.2072, 22.6936, 86.3235

Tritanomaly

18.7061, 22.0487, 52.5601

Monochromacy



Original Color

26.6356, 22.9123, 97.6264

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.8113, 18.3468, 39.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6356, 22.9123, 97.6264 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(43, 127, 255)` looks like.

```
.text, #text, p{  
  color:rgb(43, 127, 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(43, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 127, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.6356, 22.9123, 97.6264 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(43, 127, 255) }
```


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

```
.border{ border-color:rgb(43, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(43, 127,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6356, 22.9123, 97.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 127, 255) }
```

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

```
.background{ background-color: rgb(43, 127,  
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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