

Converting Colors

XYZ(26.2916, 22.9903, 97.6596)

Have a look what the booklet for
XYZ(26.2916, 22.9903, 97.6596)
contains.

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Color

**XYZ(26.2481, 22.9052,
97.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	1C80FF
RGB	28, 128, 255
RGB Percent	11%, 50%, 100%
CMY	0.8901, 0.4980, 0.0000
CMYK	0.89, 0.50, 0.00, 0.00
HSL	214°, 100%, 55%
HSV	214°, 89%, 100%
XYZ	26.2481, 22.9052, 97.6455
YIQ	112.5780, -100.3670, 18.2970

Conversions

Conversions Part 2

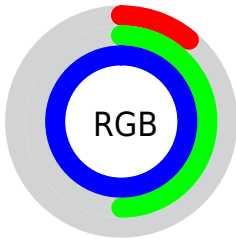
Format	Color
R_{YB}	28, 97, 255
Decimal	1868031
CIE _{Lab}	54.97, 19.68, -70.50
CIE _{LCh}	55, 73.193, 285.597
Yxy	22.9052, 0.1788, 0.1560
Android (android.graphics.Color)	4280058111 (0xFF1C80FF)
YUV	112.5780, 70.2140, -74.1749
Hunter-Lab	47.8594, 14.1430, -87.4654

Details

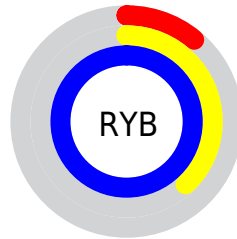
The XYZ color **26.2481, 22.9052, 97.6455** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **53.1775, 44.7990, 6.9452**, and the grayscale version is **15.3954, 16.1971, 17.6387**.

A 20% lighter version of the original color is **41.8425, 43.7141, 100.8401**, and **12.9467, 9.7685, 54.0265** is the 20% darker color. If you saturate the color by 10%, you get **24.0688, 19.2105, 97.0472**, and if you desaturate by 10%, it is **29.2596, 27.4176, 98.3577**.

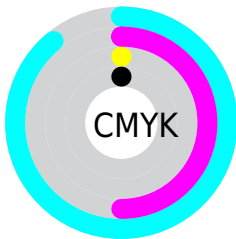
Distribution



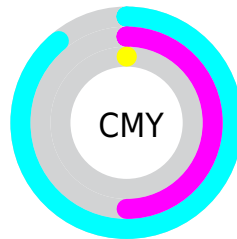
- Red (11%)
- Green (50%)
- Blue (100%)



- Red (11%)
- Yellow (38%)
- Blue (100%)



- Cyan (89%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2481, 22.9052, 97.6455 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 26.2481, 22.9052, 97.6455 by changing the saturation by 10% instead.

■ 26.2481, 22.9052,
97.6455

■ 26.2481, 22.9052,
97.6455

276.2323,
267.2377, 573.7993

■ 17.1430, 14.5235,
73.7298

■ 53.1034, 48.2376,
159.9413

■ 10.4324, 8.4857,
54.0774

■ 71.5843, 65.9572,
199.1585

■ 5.7511, 4.4073,
38.2700

■ 93.9211, 87.5581,
244.3132

■ 2.7335, 1.9039,
25.8888

■ 120.4793,
113.4248, 295.8241

■ 1.0145, 0.5507,
16.5155

■ 151.6241,
143.9418, 354.1096

■ 0.0000, 0.0000,
9.7314

187.7210,

■ 0.0000, 0.0000,

179.4933, 419.5882

5.1179

229.1353,
220.4638, 492.6786

■ 0.0000, 0.0000,
2.2567

■ 0.0000, 0.0000,
0.7068

■ 26.2481, 22.9052,
97.6455

■ 26.2481, 22.9052,
97.6455

■ 24.0688, 19.2105,
97.0472

■ 29.2596, 27.4176,
98.3577

■ 23.8786, 18.8772,
96.9929

■ 33.2564, 32.8417,
99.1940

■ 38.3478, 39.2481,
100.1622

■ 44.6263, 46.6982,
101.2693

■ 52.1736, 55.2472,
102.5217

■ 61.0635, 64.9457,
103.9251

■ 71.3638, 75.8406,
105.4852

■ 83.1377, 87.9760,
107.2070

■ 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.



18.1105, 22.9052, 98.2461



26.2481, 22.9052, 97.6455



34.9515, 22.9052, 71.1863

Triad

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



26.2481, 22.9052, 97.6455



34.6369, 22.9052, 4.6840



9.8721, 22.9052, 15.3821

Complementary

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



26.2481, 22.9052, 97.6455



53.1775, 44.7990, 6.9452

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.



12.4064, 22.9052, 4.9035



26.2481, 22.9052, 97.6455



25.8935, 22.9052, 1.8566

Square

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



26.2481, 22.9052, 97.6455



40.5562, 22.9052, 14.7388



17.8338, 22.9052, 1.8996



9.9219, 22.9052, 39.0109

Rectangle

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



26.2481, 22.9052, 97.6455



39.3264, 22.9052, 48.3750



17.8338, 22.9052, 1.8996



10.4159, 22.9052, 10.6431

Sweetspot

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



26.2491, 22.9058, 97.6455



63.0137, 67.0330, 104.2252



41.9787, 74.0629, 42.1623



12.7840, 13.5932, 22.1999



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.



26.2491, 22.9058, 97.6455



23.8786, 18.8772, 96.9929



19.3175, 8.4911, 95.2286



17.6614, 18.6943, 22.9275



12.6200, 10.1496, 50.7285



1.3354, 1.2015, 4.9748

Inverse Universe

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



45.5524, 23.6508, 22.5863



44.1820, 22.4368, 17.4225



73.1576, 90.7749, 14.7664



18.3417, 18.1200, 20.4166



23.1582, 11.7526, 9.4835



2.3087, 1.1658, 1.2069

Previews

White Background



This preview shows how the XYZ color 26.2481, 22.9052, 97.6455 looks on a white background.

Color Contrast Check

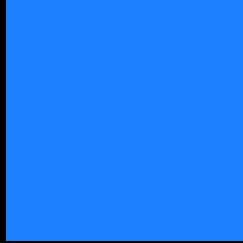
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2481, 22.9052, 97.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

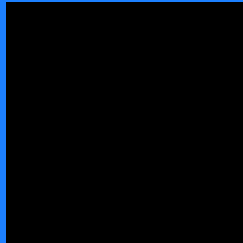
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

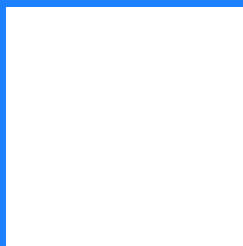
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2481, 22.9052, 97.6455

Background



This preview shows how black text looks on a background with the XYZ color 26.2481, 22.9052, 97.6455.



This preview shows how white text looks on a background with the XYZ color 26.2481, 22.9052,

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

26.2481, 22.9052, 97.6455

Protanopia

26.7660, 22.8258, 95.9236

Deuteranopia

22.9530, 22.6013, 79.4967



Tritanopia

16.0418, 22.6174, 34.5304

Trichromacy



Original Color

26.2481, 22.9052, 97.6455

Protanomaly

26.5610, 22.8924, 96.7847

Deuteranomaly

23.9697, 22.5884, 85.5347

Tritanomaly

18.7618, 22.2914, 52.6040

Monochromacy



Original Color

26.2481, 22.9052, 97.6455

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7496, 17.4673, 38.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2481, 22.9052, 97.6455 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(28, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 128, 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(28, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 128, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.2481, 22.9052, 97.6455 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(28, 128, 255) }
```


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

```
.border{ border-color:rgb(28, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 128,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2481, 22.9052, 97.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 128, 255) }
```

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

```
.background{ background-color: rgb(28, 128,  
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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