

Converting Colors

XYZ(26.4060, 23.3127, 97.7158)

Have a look what the booklet for
XYZ(26.4060, 23.3127, 97.7158)
contains.

XYZ(26.4586, 23.4049, 97.7308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4586, 23.4049,
97.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	1A82FF
RGB	26, 130, 255
RGB Percent	10%, 51%, 100%
CMY	0.8979, 0.4902, 0.0000
CMYK	0.90, 0.49, 0.00, 0.00
HSL	213°, 100%, 55%
HSV	213°, 90%, 100%
XYZ	26.4586, 23.4049, 97.7308
YIQ	113.1540, -102.1090, 16.8270

Conversions

Conversions Part 2

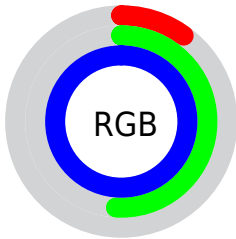
Format	Color
RYP	26, 98, 255
Decimal	1737471
CIELab	55.49, 18.34, -69.67
CIELCh	55, 72.044, 284.747
Yxy	23.4049, 0.1793, 0.1586
Android (android.graphics.Color)	4279927551 (0xFF1A82FF)
YUV	113.1540, 69.9301, -76.4341
Hunter-Lab	48.3786, 12.9603, -85.9081

Details

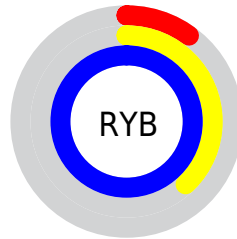
The XYZ color **26.4586, 23.4049, 97.7308** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **52.4990, 43.4790, 6.6046**, and the grayscale version is **15.5659, 16.3765, 17.8340**.

A 20% lighter version of the original color is **42.2492, 44.5274, 100.9756**, and **13.0953, 10.0658, 54.0760** is the 20% darker color. If you saturate the color by 10%, you get **24.3112, 19.7325, 97.1352**, and if you desaturate by 10%, it is **29.4038, 27.8606, 98.4356**.

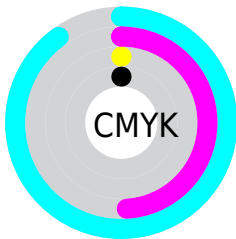
Distribution



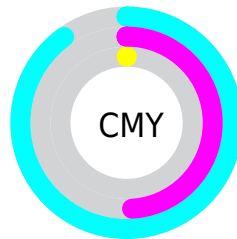
- Red (10%)
- Green (51%)
- Blue (100%)



- Red (10%)
- Yellow (38%)
- Blue (100%)



- Cyan (90%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4586, 23.4049, 97.7308 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 26.4586, 23.4049, 97.7308 by changing the saturation by 10% instead.

■ 26.4586, 23.4049,
97.7308

■ 26.4586, 23.4049,
97.7308

277.2417,
269.7979, 574.0770

■ 17.3015, 14.8928,
73.8005

■ 53.4399, 49.0573,
160.0598

■ 10.5463, 8.7442,
54.1350

■ 71.9948, 66.9664,
199.2957

■ 5.8277, 4.5747,
38.3157

■ 94.4131, 88.7766,
244.4704

■ 2.7803, 1.9999,
25.9241

■ 121.0600,
114.8723, 296.0027

■ 1.0386, 0.6074,
16.5416

■ 152.3010,
145.6378, 354.3109

■ 0.0000, 0.0000,
9.7497

188.5014,

■ 0.0000, 0.0000,

181.4577, 419.8137

5.1299

230.0265,
222.7163, 492.9295

■ 0.0000, 0.0000,
2.2636

■ 0.0000, 0.0000,
0.7107

■ 26.4586, 23.4049,
97.7308

■ 26.4586, 23.4049,
97.7308

■ 24.3112, 19.7325,
97.1352

■ 29.4038, 27.8606,
98.4356

■ 24.2709, 19.6618,
97.1236

■ 33.3135, 33.1995,
99.2601

■ 38.2980, 39.4916,
100.2119

■ 44.4501, 46.7974,
101.2978

■ 51.8514, 55.1712,
102.5240

■ 60.5758, 64.6625,
103.8962

■ 70.6909, 75.3175,
105.4197

■ 82.2595, 87.1791,
107.0995

■ 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.



18.3879, 23.4049, 97.4805



26.4586, 23.4049, 97.7308



35.1374, 23.4049, 72.2214

Triad

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



26.4586, 23.4049, 97.7308



35.2699, 23.4049, 5.1944



10.3321, 23.4049, 15.4425

Complementary

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



26.4586, 23.4049, 97.7308



52.4990, 43.4790, 6.6046

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.



12.9699, 23.4049, 5.0982



26.4586, 23.4049, 97.7308



26.6084, 23.4049, 2.1132

Square

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



26.4586, 23.4049, 97.7308



41.0043, 23.4049, 15.7174



18.5055, 23.4049, 2.0938



10.3107, 23.4049, 38.6355

Rectangle

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



26.4586, 23.4049, 97.7308



39.5527, 23.4049, 49.6979



18.5055, 23.4049, 2.0938



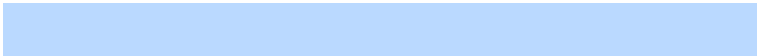
10.9071, 23.4049, 10.7783

Sweetspot

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



26.4596, 23.4055, 97.7309



63.2555, 67.5166, 104.3058



41.5440, 73.8829, 40.1504



12.8406, 13.7064, 22.2188



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.



26.4596, 23.4055, 97.7309



24.2709, 19.6618, 97.1236



19.0689, 8.2948, 95.2038



17.6824, 18.7363, 22.9345



12.8268, 10.5632, 50.7974



1.3564, 1.2434, 4.9818

Inverse Universe

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



45.6395, 23.6121, 23.2714



44.3800, 22.5160, 18.4651



74.4345, 91.4358, 14.7051



18.3523, 18.1242, 20.4725



23.2626, 11.7943, 10.0331



2.3192, 1.1701, 1.2626

Previews

White Background



This preview shows how the XYZ color 26.4586, 23.4049, 97.7308 looks on a white background.

Color Contrast Check

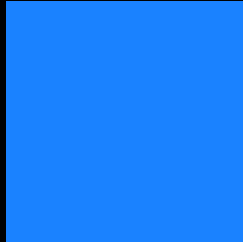
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4586, 23.4049, 97.7308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

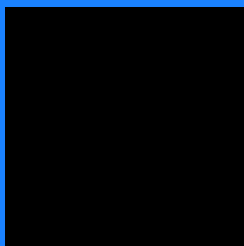
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

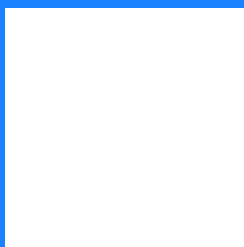
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4586, 23.4049, 97.7308

Background



This preview shows how black text looks on a background with the XYZ color 26.4586, 23.4049, 97.7308.



This preview shows how white text looks on a background with the XYZ color 26.4586, 23.4049,

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

26.4586, 23.4049, 97.7308

Protanopia

27.2143, 23.4587, 95.1891

Deuteranopia

23.6594, 23.3261, 81.8527



Tritanopia

16.4345, 23.2677, 35.0774

Trichromacy



Original Color

26.4586, 23.4049, 97.7308

Protanomaly

26.7988, 23.4207, 96.0367

Deuteranomaly

24.5272, 23.2439, 87.1982

Tritanomaly

19.1520, 22.9136, 53.2825

Monochromacy



Original Color

26.4586, 23.4049, 97.7308

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7817, 17.6596, 38.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4586, 23.4049, 97.7308 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(26, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 130, 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(26, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 130, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.4586, 23.4049, 97.7308 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(26, 130, 255) }
```


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

```
.border{ border-color:rgb(26, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(26, 130, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(26, 130, 255); box-shadow:4px 4px 4px 4px rgb(26, 130, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4586, 23.4049, 97.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 130, 255) }
```

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

```
.background{ background-color: rgb(26, 130,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor