

Converting Colors

XYZ(25.9680, 22.5863, 97.5987)

Have a look what the booklet for
XYZ(25.9680, 22.5863, 97.5987)
contains.

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Color

**XYZ(25.9486, 22.5582,
97.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	157FFF
RGB	21, 127, 255
RGB Percent	8%, 50%, 100%
CMY	0.9175, 0.5020, 0.0000
CMYK	0.92, 0.50, 0.00, 0.00
HSL	213°, 100%, 54%
HSV	213°, 92%, 100%
XYZ	25.9486, 22.5582, 97.5943
YIQ	109.8980, -104.2640, 17.3360

Conversions

Conversions Part 2

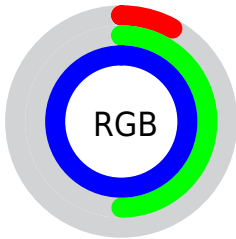
Format	Color
RYB	21, 94, 255
Decimal	1409023
CIELab	54.61, 19.99, -71.09
CIElCh	55, 73.843, 285.706
Yxy	22.5582, 0.1776, 0.1544
Android (android.graphics.Color)	4279599103 (0xFF157FFF)
YUV	109.8980, 71.5353, -77.9635
Hunter-Lab	47.4955, 14.4043, -88.5830

Details

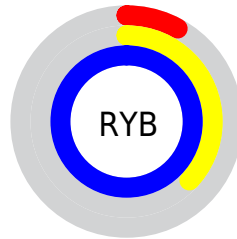
The XYZ color **25.9486, 22.5582, 97.5943** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **52.1297, 42.8223, 6.2295**, and the grayscale version is **14.6188, 15.3801, 16.7489**.

A 20% lighter version of the original color is **41.3726, 43.1732, 100.7604**, and **12.8740, 9.6232, 54.0022** is the 20% darker color. If you saturate the color by 10%, you get **24.2366, 19.5932, 97.1122**, and if you desaturate by 10%, it is **28.7190, 26.8490, 98.2765**.

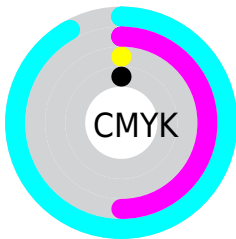
Distribution



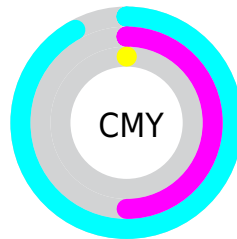
- Red (8%)
- Green (50%)
- Blue (100%)



- Red (8%)
- Yellow (37%)
- Blue (100%)



- Cyan (92%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9486, 22.5582, 97.5943 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 25.9486, 22.5582, 97.5943 by changing the saturation by 10% instead.

■ 25.9486, 22.5582,
97.5943

■ 25.9486, 22.5582,
97.5943

274.7910,
265.4476, 573.6326

■ 16.9177, 14.2676,
73.6873

■ 52.6239, 47.6669,
159.8702

■ 10.2707, 8.3070,
54.0429

■ 70.9990, 65.2537,
199.0762

■ 5.6425, 4.2920,
38.2426

■ 93.2195, 86.7082,
244.2189

■ 2.6675, 1.8382,
25.8677

■ 119.6508,
112.4146, 295.7169

■ 0.9805, 0.5108,
16.4998

■ 150.6583,
142.7573, 353.9887

■ 0.0000, 0.0000,
9.7204

186.6072,

■ 0.0000, 0.0000,

178.1208, 419.4529

5.1108

227.8630,
218.8895, 492.5280

■ 0.0000, 0.0000,
2.2525

■ 0.0000, 0.0000,
0.7044

■ 25.9486, 22.5582,
97.5943

■ 25.9486, 22.5582,
97.5943

■ 24.2366, 19.5932,
97.1122

■ 28.7190, 26.8490,
98.2765

■ 32.4308, 32.0097,
99.0769

■ 37.1985, 38.1129,
100.0037

■ 43.1177, 45.2206,
101.0637

■ 50.2719, 53.3884,
102.2631

■ 58.7365, 62.6667,
103.6079

■ 68.5802, 73.1023,
105.1033

■ 79.8667, 84.7390,
106.7546

■ 92.6556, 97.6178,
108.5664

Harmonies

Analogous

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



17.8141, 22.5582, 98.3108



25.9486, 22.5582, 97.5943



34.6622, 22.5582, 70.8581

Triad

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



25.9486, 22.5582, 97.5943



34.2892, 22.5582, 4.4508



9.5954, 22.5582, 15.0974

Complementary

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



25.9486, 22.5582, 97.5943



52.1297, 42.8223, 6.2295

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.



12.0987, 22.5582, 4.7047



25.9486, 22.5582, 97.5943



25.5292, 22.5582, 1.7210

Square

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



25.9486, 22.5582, 97.5943



40.2450, 22.5582, 14.3417



17.4880, 22.5582, 1.7699



9.6538, 22.5582, 38.7548

Rectangle

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



25.9486, 22.5582, 97.5943



39.0409, 22.5582, 47.9193



17.4880, 22.5582, 1.7699



10.1310, 22.5582, 10.3814

Sweetspot

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



25.9496, 22.5587, 97.5943



62.2611, 66.4403, 104.1505



41.2444, 73.7496, 39.1819



12.4615, 13.2941, 22.1592



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.



25.9496, 22.5587, 97.5943



24.2366, 19.5932, 97.1122



18.8211, 8.0168, 95.1631



17.6806, 18.7327, 22.9339



12.8087, 10.5270, 50.7914



1.3546, 1.2398, 4.9812

Inverse Universe

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



45.3397, 23.3302, 22.1923



44.3627, 22.5091, 18.3739



74.3246, 91.3851, 14.4333



18.3514, 18.1239, 20.4677



23.2534, 11.7907, 9.9851



2.3183, 1.1697, 1.2577

Previews

White Background



This preview shows how the XYZ color 25.9486, 22.5582, 97.5943 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 25.9486, 22.5582, 97.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

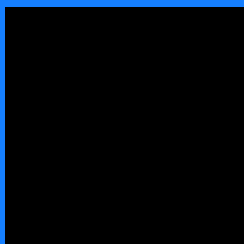
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

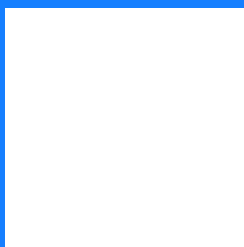
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9486, 22.5582, 97.5943

Background



This preview shows how black text looks on a background with the XYZ color 25.9486, 22.5582, 97.5943.



This preview shows how white text looks on a background with the XYZ color 25.9486, 22.5582,

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

25.9486, 22.5582, 97.5943

Protanopia

26.4794, 22.4891, 95.8737

Deuteranopia

22.8113, 22.5446, 78.7506



Tritanopia

15.7230, 22.2464, 33.6023

Trichromacy



Original Color

25.9486, 22.5582, 97.5943

Protanomaly

26.2647, 22.5489, 96.7340

Deuteranomaly

23.9446, 22.5755, 85.5336

Tritanomaly

18.4829, 21.9463, 51.9771

Monochromacy



Original Color

25.9486, 22.5582, 97.5943

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9981, 16.7548, 37.0411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9486, 22.5582, 97.5943 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(21, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(21, 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(21, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 127, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.9486, 22.5582, 97.5943 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(21, 127, 255) }
```


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

```
.border{ border-color:rgb(21, 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(21, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(21, 127,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9486, 22.5582, 97.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 127, 255) }
```

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

```
.background{ background-color: rgb(21, 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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