

Converting Colors

XYZ(25.4903, 26.7605, 77.7412)

Have a look what the booklet for
XYZ(25.4903, 26.7605, 77.7412)
contains.

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Color

**XYZ(25.5485, 26.7958,
77.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	2E92E5
RGB	46, 146, 229
RGB Percent	18%, 57%, 90%
CMY	0.8195, 0.4274, 0.1020
CMYK	0.80, 0.36, 0.00, 0.10
HSL	207°, 78%, 54%
HSV	207°, 80%, 90%
XYZ	25.5485, 26.7958, 77.9543
YIQ	125.5620, -86.2430, 4.6130

Conversions

Conversions Part 2

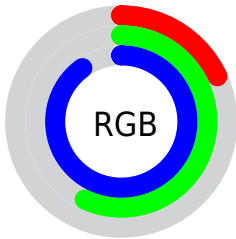
Format	Color
R _Y B	46, 111, 229
Decimal	3052261
CIE Lab	58.78, 0.34, -49.98
CIE LCh	59, 49.981, 270.386
Yxy	26.7958, 0.1961, 0.2056
Android (android.graphics.Color)	4281242341 (0xFF2E92E5)
YUV	125.5620, 50.9949, -69.7759
Hunter-Lab	51.7647, -2.4893, -53.0517

Details

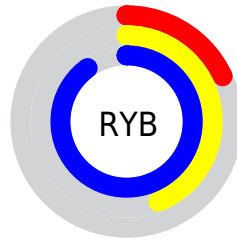
The XYZ color **25.5485, 26.7958, 77.9543** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **40.6592, 32.5604, 6.7283**, and the grayscale version is **19.5386, 20.5561, 22.3856**.

A 20% lighter version of the original color is **46.4500, 52.5216, 102.2973**, and **11.7257, 11.3829, 41.1143** is the 20% darker color. If you saturate the color by 10%, you get **23.2489, 23.3406, 77.4092**, and if you desaturate by 10%, it is **28.5451, 30.8270, 78.5750**.

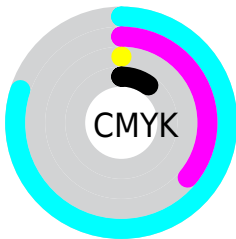
Distribution



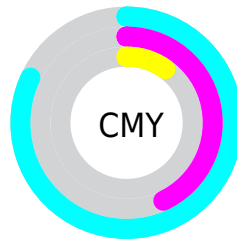
- Red (18%)
- Green (57%)
- Blue (90%)



- Red (18%)
- Yellow (44%)
- Blue (90%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5485, 26.7958, 77.9543 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 25.5485, 26.7958, 77.9543 by changing the saturation by 10% instead.

■ 25.5485, 26.7958,
77.9543

■ 25.5485, 26.7958,
77.9543

272.8561,
286.6671, 507.5354

■ 16.6171, 17.4199,
57.5202

■ 51.9822, 54.5560,
132.2710

■ 10.0555, 10.5343,
41.0109

■ 70.2151, 73.7091,
166.9907

■ 5.4983, 5.7547,
28.0078

■ 92.2793, 96.8901,
207.3093

■ 2.5802, 2.6965,
18.0925

■ 118.5401,
124.4834, 253.6454

■ 0.9359, 0.9754,
10.8463

■ 149.3628,
156.8733, 306.4175

■ 0.0000, 0.0000,
5.8507

185.1128,

■ 0.0000, 0.0000,

194.4443, 366.0442

2.6872

226.1555,
237.5808, 432.9440

■ 0.0000, 0.0000,
0.9370

■ 0.0000, 0.0000,
0.0000

■ 25.5485, 26.7958,
77.9543

■ 25.5485, 26.7958,
77.9543

■ 23.2489, 23.3406,
77.4092

■ 28.5451, 30.8270,
78.5750

■ 21.5081, 20.3834,
76.9301

■ 32.3161, 35.4785,
79.2741

■ 21.4929, 20.3570,
76.9258

■ 36.9305, 40.7916,
80.0565

■ 42.4483, 46.8025,
80.9259

■ 48.9237, 53.5438,
81.8858

■ 56.4060, 61.0460,
82.9395

■ 64.9413, 69.3374,
84.0900

■ 74.5723, 78.4446,
85.3403

■ 85.3396, 88.3928,
86.6930

Harmonies

Analogous

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



20.0515, 26.7958, 69.7296



25.5485, 26.7958, 77.9543



31.9433, 26.7958, 69.3218

Triad

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



25.5485, 26.7958, 77.9543



37.1160, 26.7958, 15.1592



16.4952, 26.7958, 15.4166

Complementary

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



25.5485, 26.7958, 77.9543



40.6592, 32.5604, 6.7283

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.



19.9339, 26.7958, 8.6039



25.5485, 26.7958, 77.9543



31.7828, 26.7958, 8.5031

Square

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



25.5485, 26.7958, 77.9543



39.2470, 26.7958, 28.9481



25.3889, 26.7958, 6.7002



15.3639, 26.7958, 29.4052

Rectangle

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



25.5485, 26.7958, 77.9543



35.7284, 26.7958, 56.5967



25.3889, 26.7958, 6.7002



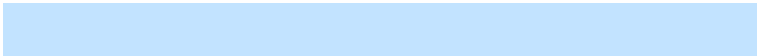
17.3890, 26.7958, 12.4491

Sweetspot

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



25.5496, 26.7967, 77.9550



67.7817, 73.7327, 105.2671



33.0670, 58.1883, 30.0351



13.7860, 15.0552, 22.4293



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.



25.5496, 26.7967, 77.9550



28.1451, 27.2207, 98.3785



16.6445, 8.9866, 74.9867



14.2322, 15.1859, 18.3254



12.4104, 11.8830, 44.0227



1.0096, 1.0632, 3.2840

Inverse Universe

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



38.4794, 20.6888, 29.1600



46.3818, 23.4939, 28.4603



58.3611, 67.9641, 12.6290



14.7048, 14.4991, 16.6459



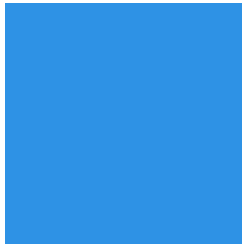
20.6577, 10.3973, 12.3585



1.5733, 0.7870, 1.1593

Previews

White Background



This preview shows how the XYZ color 25.5485, 26.7958, 77.9543 looks on a white background.

Color Contrast Check

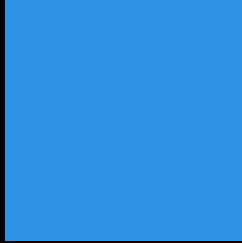
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5485, 26.7958, 77.9543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

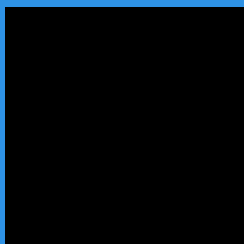
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

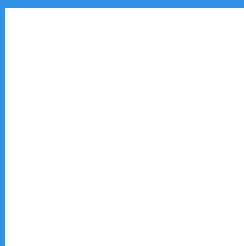
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5485, 26.7958, 77.9543

Background



This preview shows how black text looks on a background with the XYZ color 25.5485, 26.7958, 77.9543.



This preview shows how white text looks on a background with the XYZ color 25.5485, 26.7958,

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

25.5485, 26.7958, 77.9543

Protanopia

28.5800, 26.7021, 72.7549

Deuteranopia

27.4640, 26.6477, 78.5589



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

25.5485, 26.7958, 77.9543

Protanomaly

26.9532, 26.4644, 74.9217

Deuteranomaly

26.6312, 26.6602, 78.6052

Tritanomaly

20.7537, 26.2933, 52.6965

Monochromacy



Original Color

25.5485, 26.7958, 77.9543

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9282, 21.9608, 37.8389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5485, 26.7958, 77.9543 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(46, 146, 229)` looks like.

```
.text, #text, p{  
    color:rgb(46, 146, 229)  
}
```

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(46, 146, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 146, 229) }
```

Border

The CSS property to change the border of an element to XYZ 25.5485, 26.7958, 77.9543 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(46, 146, 229) }
```


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

```
.border{ border-color:rgb(46, 146, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 146, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 146, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 146, 229);  
box-shadow:4px 4px 4px 4px rgb(46, 146,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5485, 26.7958, 77.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 146, 229) }
```

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

```
.background{ background-color: rgb(46, 146,  
229) }
```

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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