

Converting Colors

XYZ(25.9191, 26.9748, 76.5161)

Have a look what the booklet for
XYZ(25.9191, 26.9748, 76.5161)
contains.

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Color

**XYZ(25.9476, 27.0336,
76.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	3B92E3
RGB	59, 146, 227
RGB Percent	23%, 57%, 89%
CMY	0.7686, 0.4274, 0.1098
CMYK	0.74, 0.36, 0.00, 0.11
HSL	209°, 75%, 56%
HSV	209°, 74%, 89%
XYZ	25.9476, 27.0336, 76.5235
YIQ	129.2210, -77.8530, 6.7470

Conversions

Conversions Part 2

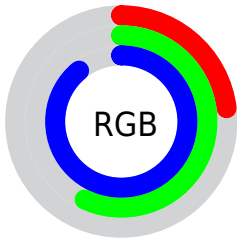
Format	Color
R _Y B	59, 116, 227
Decimal	3904227
CIE Lab	59.01, 1.06, -48.50
CIE LCh	59, 48.510, 271.249
Yxy	27.0336, 0.2004, 0.2087
Android (android.graphics.Color)	4282094307 (0xFF3B92E3)
YUV	129.2210, 48.2050, -61.5838
Hunter-Lab	51.9938, -1.9086, -50.8661

Details

The XYZ color **25.9476, 27.0336, 76.5235** 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 **41.8482, 35.4062, 8.7676**, and the grayscale version is **20.8010, 21.8843, 23.8320**.

A 20% lighter version of the original color is **47.4567, 53.0406, 102.3444**, and **11.5336, 11.3060, 40.1025** is the 20% darker color. If you saturate the color by 10%, you get **23.2755, 23.2704, 75.9386**, and if you desaturate by 10%, it is **29.3678, 31.4230, 77.1910**.

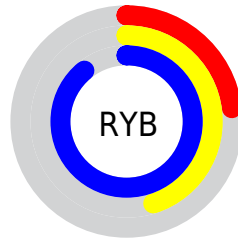
Distribution



Red (23%)

Green (57%)

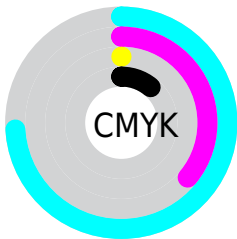
Blue (89%)



Red (23%)

Yellow (45%)

Blue (89%)

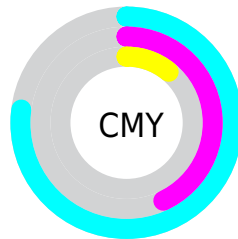


Cyan (74%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9476, 27.0336, 76.5235 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 25.9476, 27.0336, 76.5235 by changing the saturation by 10% instead.

■ 25.9476, 27.0336,
76.5235

■ 25.9476, 27.0336,
76.5235

274.7862,
287.8198, 502.5323

■ 16.9169, 17.5985,
56.3526

■ 52.6223, 54.9378,
130.2335

■ 10.2702, 10.6621,
40.0798

■ 70.9970, 74.1756,
164.6097

■ 5.6421, 5.8401,
27.2865

■ 93.2172, 97.4498,
204.5582

■ 2.6673, 2.7481,
17.5542

■ 119.6480,
125.1447, 250.4973

■ 0.9804, 1.0017,
10.4643

■ 150.6550,
157.6448, 302.8458

■ 0.0000, 0.0000,
5.5983

186.6035,

■ 0.0000, 0.0000,

195.3344, 362.0221

2.5376

227.8587,
238.5979, 428.4447

■ 0.0000, 0.0000,
0.8600

■ 0.0000, 0.0000,
0.0000

■ 25.9476, 27.0336,
76.5235

■ 25.9476, 27.0336,
76.5235

■ 23.2755, 23.2704,
75.9386

■ 29.3678, 31.4230,
77.1910

■ 21.2619, 20.0795,
75.4288

■ 33.6048, 36.4793,
77.9437

■ 20.2906, 18.3968,
75.1552

■ 38.7218, 42.2417,
78.7863

■ 44.7747, 48.7451,
79.7225

■ 51.8143, 56.0213,
80.7559

■ 59.8875, 64.1001,
81.8898

■ 69.0382, 73.0096,
83.1272

■ 79.3073, 82.7762,
84.4711

■ 87.6093, 91.8142,
85.7781

Harmonies

Analogous

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



20.5232, 27.0336, 69.0734



25.9476, 27.0336, 76.5235



32.1738, 27.0336, 67.8060

Triad

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



25.9476, 27.0336, 76.5235



36.9053, 27.0336, 15.3783



16.8298, 27.0336, 16.2040

Complementary

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



25.9476, 27.0336, 76.5235



41.8482, 35.4062, 8.7676

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.



20.1495, 27.0336, 9.2271



25.9476, 27.0336, 76.5235



31.6691, 27.0336, 8.8979

Square

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



25.9476, 27.0336, 76.5235



39.0793, 27.0336, 28.7187



25.4433, 27.0336, 7.1854



15.7792, 27.0336, 30.1631

Rectangle

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



25.9476, 27.0336, 76.5235



35.8114, 27.0336, 55.4179



25.4433, 27.0336, 7.1854



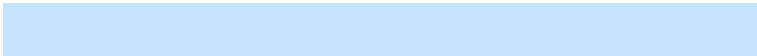
17.6889, 27.0336, 13.1885

Sweetspot

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



25.9487, 27.0345, 76.5242



69.3064, 74.8079, 105.3943



33.8182, 57.6866, 33.1723



14.2564, 15.4254, 22.4760



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.



25.9487, 27.0345, 76.5242



28.7432, 27.8936, 98.4768



17.5376, 10.2123, 73.7205



14.1971, 15.1156, 18.3137



11.9509, 10.9640, 43.8695



0.9761, 0.9961, 3.2728

Inverse Universe

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



38.4318, 21.5355, 29.3259



46.8115, 24.1549, 29.2149



58.4310, 68.5719, 14.2953



14.6871, 14.4920, 16.5525



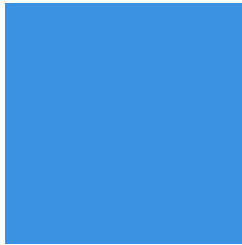
20.4258, 10.3045, 11.1371



1.5563, 0.7802, 1.0700

Previews

White Background



This preview shows how the XYZ color 25.9476, 27.0336, 76.5235 looks on a white background.

Color Contrast Check

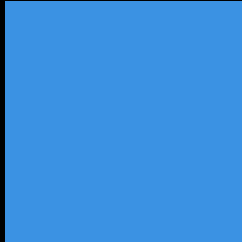
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9476, 27.0336, 76.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

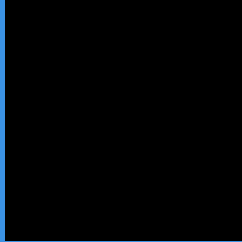
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9476, 27.0336, 76.5235

Background



This preview shows how black text looks on a background with the XYZ color 25.9476, 27.0336, 76.5235.

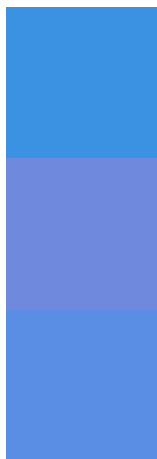


This preview shows how white text looks on a background with the XYZ color 25.9476, 27.0336,

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

25.9476, 27.0336, 76.5235

Protanopia

28.5623, 26.7238, 71.3630

Deuteranopia

27.7964, 27.0713, 77.1590



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

25.9476, 27.0336, 76.5235

Protanomaly

27.2578, 26.6528, 73.5199

Deuteranomaly

26.9679, 26.8661, 77.1631

Tritanomaly

20.9948, 26.6596, 52.7545

Monochromacy



Original Color

25.9476, 27.0336, 76.5235

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1644, 22.9876, 38.9189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9476, 27.0336, 76.5235 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(59, 146, 227)` looks like.

```
.text, #text, p{  
    color:rgb(59, 146, 227)  
}
```

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(59, 146, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 146, 227) }
```

Border

The CSS property to change the border of an element to XYZ 25.9476, 27.0336, 76.5235 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(59, 146, 227) }
```


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

```
.border{ border-color:rgb(59, 146, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 146, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 146, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 146, 227);  
box-shadow:4px 4px 4px 4px rgb(59, 146,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9476, 27.0336, 76.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 146, 227) }
```

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

```
.background{ background-color: rgb(59, 146,  
227) }
```

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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