

Converting Colors

XYZ(24.7867, 27.0277, 61.1489)

Have a look what the booklet for
XYZ(24.7867, 27.0277, 61.1489)
contains.

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Color

**XYZ(24.7261, 26.9764,
61.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	5193CC
RGB	81, 147, 204
RGB Percent	32%, 58%, 80%
CMY	0.6823, 0.4235, 0.2000
CMYK	0.60, 0.28, 0.00, 0.20
HSL	208°, 55%, 56%
HSV	208°, 60%, 80%
XYZ	24.7261, 26.9764, 61.0305
YIQ	133.7640, -57.6330, 3.7350

Conversions

Conversions Part 2

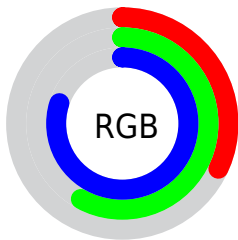
Format	Color
R_{YB}	81, 124, 204
Decimal	5346252
CIE _{Lab}	58.95, -3.89, -35.67
CIE _{LCh}	59, 35.885, 263.783
Yxy	26.9764, 0.2193, 0.2393
Android (android.graphics.Color)	4283536332 (0xFF5193CC)
YUV	133.7640, 34.6263, -46.2740
Hunter-Lab	51.9388, -5.9158, -33.3113

Details

The XYZ color **24.7261, 26.9764, 61.0305** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **35.4766, 31.6099, 12.0172**, and the grayscale version is **22.4666, 23.6366, 25.7402**.

A 20% lighter version of the original color is **49.7519, 54.5687, 102.5184**, and **9.7797, 10.7514, 30.4139** is the 20% darker color. If you saturate the color by 10%, you get **21.8233, 23.3869, 60.4912**, and if you desaturate by 10%, it is **28.2767, 31.0801, 61.6360**.

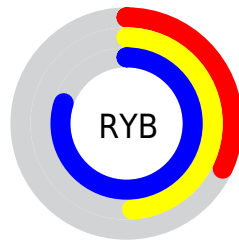
Distribution



Red (32%)

Green (58%)

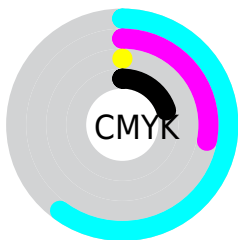
Blue (80%)



Red (32%)

Yellow (49%)

Blue (80%)

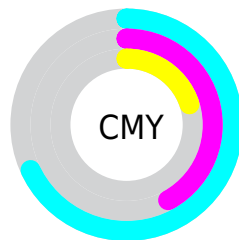


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7261, 26.9764, 61.0305 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 24.7261, 26.9764, 61.0305 by changing the saturation by 10% instead.

■ 24.7261, 26.9764,
61.0305

■ 24.7261, 26.9764,
61.0305

268.8440,
287.5428, 446.2955

■ 16.0007, 17.5555,
43.8191

■ 50.6586, 54.8460,
107.8811

■ 9.6155, 10.6313,
30.1921

■ 68.5965, 74.0635,
138.3573

■ 5.2051, 5.8195,
19.7312

■ 90.3360, 97.3153,
174.0921

■ 2.4041, 2.7356,
12.0177

■ 116.2423,
124.9858, 215.5042

■ 0.8471, 0.9953,
6.6330

146.6810,
157.4594, 263.0121

■ 0.0000, 0.0000,
3.1587

182.0172,

■ 0.0000, 0.0000,

195.1205, 317.0342

1.1762

222.6164,
238.3535, 377.9891

■ 0.0000, 0.0000,
0.0000

■ 24.7261, 26.9764,
61.0305

■ 24.7261, 26.9764,
61.0305

■ 21.8233, 23.3869,
60.4912

■ 28.2767, 31.0801,
61.6360

■ 19.5138, 20.2779,
60.0128

■ 32.5176, 35.7228,
62.3086

■ 17.7379, 17.6146,
59.5923

■ 37.4908, 40.9304,
63.0517

■ 16.4173, 15.3958,
59.2337

■ 43.2337, 46.7263,
63.8677

■ 49.7814, 53.1322,
64.7591

■ 57.1662, 60.1686,
65.7280

■ 65.4190, 67.8547,
66.7766

■ 74.5688, 76.2092,
67.9069

■ 81.0203, 83.3818,
68.9514

Harmonies

Analogous

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



20.9162, 26.9764, 53.8667



24.7261, 26.9764, 61.0305



29.2424, 26.9764, 57.9352

Triad

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



24.7261, 26.9764, 61.0305



34.2801, 26.9764, 20.5688



19.3465, 26.9764, 17.1577

Complementary

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



24.7261, 26.9764, 61.0305



35.4766, 31.6099, 12.0172

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.



22.3468, 26.9764, 12.1894



24.7261, 26.9764, 61.0305



31.0269, 26.9764, 13.7239

Square

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



24.7261, 26.9764, 61.0305



35.1062, 26.9764, 32.1030



26.5767, 26.9764, 11.1447



18.0500, 26.9764, 26.8018

Rectangle

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



24.7261, 26.9764, 61.0305



32.0180, 26.9764, 50.8166



26.5767, 26.9764, 11.1447



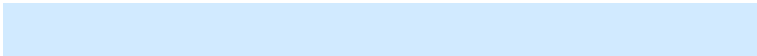
20.1712, 26.9764, 15.0119

Sweetspot

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



24.7271, 26.9773, 61.0312



73.7185, 79.4813, 106.0638



29.4560, 46.7234, 30.8905



15.1323, 16.3714, 22.6124



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.



24.7271, 26.9773, 61.0312



35.0369, 37.2926, 99.9593



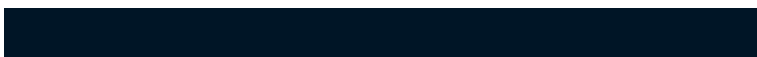
17.7138, 12.9509, 58.6934



11.0919, 11.8243, 14.2681



10.4272, 9.8784, 37.3134



0.6134, 0.6606, 1.9501

Inverse Universe

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



33.1116, 20.8299, 29.8800



50.7665, 28.7166, 40.8555



46.5476, 53.7518, 15.7075



11.4598, 11.3126, 12.9557



17.4741, 8.8002, 10.2151



0.9396, 0.4692, 0.7276

Previews

White Background



This preview shows how the XYZ color 24.7261, 26.9764, 61.0305 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 24.7261, 26.9764, 61.0305 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

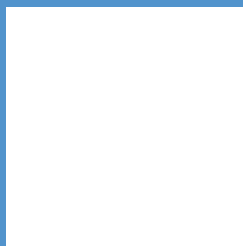
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7261, 26.9764, 61.0305

Background



This preview shows how black text looks on a background with the XYZ color 24.7261, 26.9764, 61.0305.

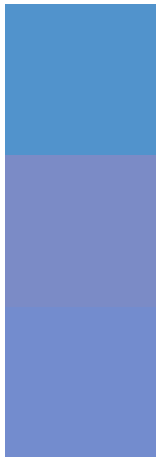


This preview shows how white text looks on a background with the XYZ color 24.7261, 26.9764,

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

24.7261, 26.9764, 61.0305

Protanopia

27.5940, 26.7534, 57.1356

Deuteranopia

27.5889, 26.8572, 62.1224



Tritanopia

20.6450, 26.9912, 40.6809

Trichromacy



Original Color

24.7261, 26.9764, 61.0305

Protanomaly

26.2827, 26.7043, 58.4128

Deuteranomaly

26.4354, 26.9363, 61.5635

Tritanomaly

21.8306, 26.7306, 47.1889

Monochromacy



Original Color

24.7261, 26.9764, 61.0305

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5609, 24.6133, 36.3626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7261, 26.9764, 61.0305 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(81, 147, 204)` looks like.

```
.text, #text, p{  
    color:rgb(81, 147, 204)  
}
```

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(81, 147, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 147, 204) }
```

Border

The CSS property to change the border of an element to XYZ 24.7261, 26.9764, 61.0305 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(81, 147, 204) }
```


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

```
.border{ border-color:rgb(81, 147, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 147, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 147, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 147, 204);  
box-shadow:4px 4px 4px 4px rgb(81, 147,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7261, 26.9764, 61.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 147, 204) }
```

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

```
.background{ background-color: rgb(81, 147,  
204) }
```

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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