

Converting Colors

XYZ(24.8673, 19.0351, 59.7504)

Have a look what the booklet for
XYZ(24.8673, 19.0351, 59.7504)
contains.

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Color

**XYZ(24.8527, 19.0520,
59.4943)**

Conversions

Conversions Part 1

Format	Color
Hex	8069CC
RGB	128, 105, 204
RGB Percent	50%, 41%, 80%
CMY	0.4980, 0.5882, 0.2000
CMYK	0.37, 0.49, 0.00, 0.20
HSL	254°, 49%, 61%
HSV	254°, 49%, 80%
XYZ	24.8527, 19.0520, 59.4943
YIQ	123.1630, -18.0710, 35.6650

Conversions

Conversions Part 2

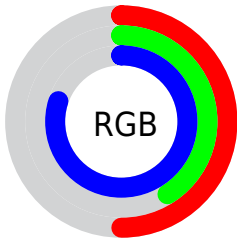
Format	Color
R _Y B	128, 105, 204
Decimal	8415692
CIE Lab	50.75, 32.02, -48.42
CIE LCh	51, 58.054, 303.476
Yxy	19.0520, 0.2404, 0.1843
Android (android.graphics.Color)	4286605772 (0xFF8069CC)
YUV	123.1630, 39.8526, 4.2420
Hunter-Lab	43.6486, 25.2495, -50.2600

Details

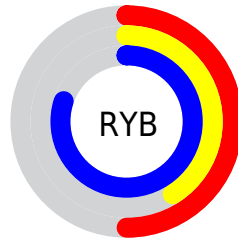
The XYZ color **24.8527, 19.0520, 59.4943** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **43.1990, 54.0298, 21.5172**, and the grayscale version is **18.7581, 19.7349, 21.4913**.

A 20% lighter version of the original color is **49.8741, 41.5243, 99.9941**, and **9.6356, 6.5126, 29.1830** is the 20% darker color. If you saturate the color by 10%, you get **20.8422, 14.2614, 58.7814**, and if you desaturate by 10%, it is **29.7267, 25.0280, 60.3913**.

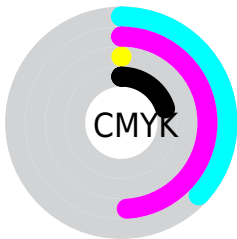
Distribution



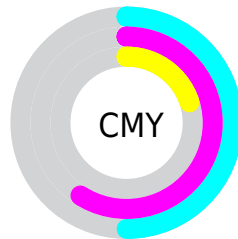
- Red (50%)
- Green (41%)
- Blue (80%)



- Red (50%)
- Yellow (41%)
- Blue (80%)



- Cyan (37%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8527, 19.0520, 59.4943 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 24.8527, 19.0520, 59.4943 by changing the saturation by 10% instead.

■ 24.8527, 19.0520,
59.4943

■ 24.8527, 19.0520,
59.4943

269.4648,
246.7357, 440.4840

■ 16.0955, 11.7079,
42.5885

■ 50.8628, 41.8219,
105.6319

■ 9.6830, 6.5451,
29.2334

■ 68.8464, 58.0165,
135.7008

■ 5.2500, 3.1793,
19.0104

■ 90.6361, 77.9301,
170.9946

■ 2.4309, 1.2260,
11.5009

■ 116.5974,
101.9470, 211.9316

■ 0.8605, 0.0828,
6.2864

147.0955,
130.4516, 258.9306

■ 0.0000, 0.0000,
2.9484

182.4959,

■ 0.0000, 0.0000,

163.8283, 312.4099

1.0684

223.1639,
202.4615, 372.7882

■ 0.0000, 0.0000,
0.0000

■ 24.8527, 19.0520,
59.4943

■ 24.8527, 19.0520,
59.4943

■ 20.8422, 14.2614,
58.7814

■ 29.7267, 25.0280,
60.3913

■ 17.6399, 10.5732,
58.2383

■ 35.5100, 32.2606,
61.4825

■ 15.1877, 7.8966,
57.8509

■ 42.2479, 40.8179,
62.7791

■ 13.4175, 6.1247,
57.6022

■ 49.9819, 50.7622,
64.2909

■ 12.2324, 5.0954,
57.4659

■ 58.7510, 62.1521,
66.0272

■ 12.0898, 4.9735,
57.4499

■ 68.5922, 75.0425,
67.9966

■ 79.5404, 89.4857,
70.2074

■ 87.2716, 96.8161,
71.2148

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



18.7812, 19.0520, 70.5073



24.8527, 19.0520, 59.4943



29.7938, 19.0520, 38.1594

Triad

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



24.8527, 19.0520, 59.4943



23.4579, 19.0520, 3.4258



9.2225, 19.0520, 22.7067

Complementary

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



24.8527, 19.0520, 59.4943



43.1990, 54.0298, 21.5172

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.



9.9645, 19.0520, 9.6459



24.8527, 19.0520, 59.4943



17.4518, 19.0520, 2.5386

Square

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



24.8527, 19.0520, 59.4943



28.8770, 19.0520, 7.7994



12.7099, 19.0520, 4.0313



10.4175, 19.0520, 43.3261

Rectangle

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



24.8527, 19.0520, 59.4943



31.3284, 19.0520, 24.5196



12.7099, 19.0520, 4.0313



9.2550, 19.0520, 17.3780

Sweetspot

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



24.8535, 19.0527, 59.4948



74.0487, 72.8270, 104.7620



33.5661, 41.0451, 63.2805



15.2850, 14.8645, 22.3135



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.



24.8535, 19.0527, 59.4948



34.3814, 23.4596, 97.3238



33.8444, 23.6877, 59.9155



10.8416, 10.9677, 14.1159



7.6782, 3.1658, 36.1626



0.4651, 0.1989, 1.8688

Inverse Universe

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



38.2943, 26.2773, 46.7698



59.5111, 36.9974, 72.1587



33.8240, 49.1968, 21.0784



11.5717, 11.3574, 13.5453



19.5200, 9.6186, 20.9888



1.0349, 0.5074, 1.2295

Previews

White Background



This preview shows how the XYZ color 24.8527, 19.0520, 59.4943 looks on a white background.

Color Contrast Check

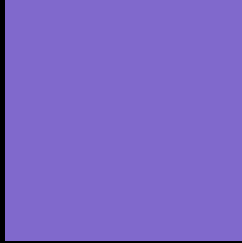
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8527, 19.0520, 59.4943 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 24.8527, 19.0520, 59.4943

Background



This preview shows how black text looks on a background with the XYZ color 24.8527, 19.0520, 59.4943.



This preview shows how white text looks on a background with the XYZ color 24.8527, 19.0520,

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

24.8527, 19.0520, 59.4943

Protanopia

21.6971, 19.3706, 67.5611

Deuteranopia

19.7688, 19.3181, 57.3304



Tritanopia

17.8065, 19.0298, 24.5644

Trichromacy



Original Color

24.8527, 19.0520, 59.4943

Protanomaly

22.4049, 18.9434, 64.7629

Deuteranomaly

21.0045, 18.8815, 57.7958

Tritanomaly

19.8882, 18.8110, 34.9304

Monochromacy



Original Color

24.8527, 19.0520, 59.4943

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.3703, 19.1178, 32.3222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8527, 19.0520, 59.4943 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(128, 105, 204)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 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(128, 105, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 204) }
```

Border

The CSS property to change the border of an element to XYZ 24.8527, 19.0520, 59.4943 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(128, 105, 204) }
```


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

```
.border{ border-color:rgb(128, 105, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 105, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 204);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8527, 19.0520, 59.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 204) }
```

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

```
.background{ background-color: rgb(128,  
105, 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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