

Converting Colors

XYZ(24.3637, 17.7057, 60.9526)

Have a look what the booklet for
XYZ(24.3637, 17.7057, 60.9526)
contains.

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Color

**XYZ(24.3826, 17.7524,
61.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	7F62CF
RGB	127, 98, 207
RGB Percent	50%, 38%, 81%
CMY	0.5019, 0.6157, 0.1882
CMYK	0.39, 0.53, 0.00, 0.19
HSL	256°, 53%, 60%
HSV	256°, 53%, 81%
XYZ	24.3826, 17.7524, 61.1729
YIQ	119.0970, -17.7050, 40.0470

Conversions

Conversions Part 2

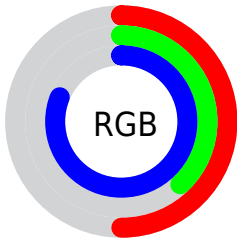
Format	Color
R _{YB}	127, 98, 207
Decimal	8348367
CIE Lab	49.19, 36.69, -52.63
CIE LCh	49, 64.153, 304.883
Yxy	17.7524, 0.2360, 0.1718
Android (android.graphics.Color)	4286538447 (0xFF7F62CF)
YUV	119.0970, 43.3362, 6.9309
Hunter-Lab	42.1336, 29.5637, -56.5884

Details

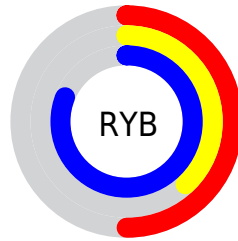
The XYZ color **24.3826, 17.7524, 61.1729** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **42.8774, 54.9725, 19.9066**, and the grayscale version is **17.4371, 18.3452, 19.9780**.

A 20% lighter version of the original color is **48.3259, 38.7822, 99.5464**, and **9.4066, 5.8878, 30.3464** is the 20% darker color. If you saturate the color by 10%, you get **20.5957, 13.2875, 60.5110**, and if you desaturate by 10%, it is **29.0129, 23.3959, 62.0185**.

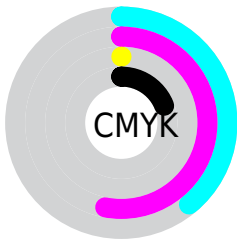
Distribution



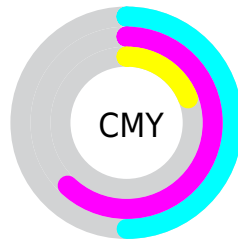
- Red (50%)
- Green (38%)
- Blue (81%)



- Red (50%)
- Yellow (38%)
- Blue (81%)



- Cyan (39%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3826, 17.7524, 61.1729 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 24.3826, 17.7524, 61.1729 by changing the saturation by 10% instead.

■ 24.3826, 17.7524,
61.1729

■ 24.3826, 17.7524,
61.1729

267.1538,
239.4717, 446.8318

■ 15.7439, 10.7724,
43.9333

■ 50.1040, 39.6150,
108.0892

■ 9.4328, 5.9140,
30.2812

■ 67.9174, 55.2663,
138.6030

■ 5.0839, 2.7928,
19.7983

■ 89.5198, 74.5768,
174.3785

■ 2.3319, 1.0246,
12.0659

■ 115.2765, 97.9310,
215.8343

■ 0.8109, 0.0000,
6.6655

145.5530,
125.7132, 263.3890

■ 0.0000, 0.0000,
3.1785

180.7144,

■ 0.0000, 0.0000,

158.3078, 317.4612

1.1865

221.1262,
196.0991, 378.4692

■ 0.0000, 0.0000,
0.0000

■ 24.3826, 17.7524,
61.1729

■ 24.3826, 17.7524,
61.1729

■ 20.5957, 13.2875,
60.5110

■ 29.0129, 23.3959,
62.0185

■ 17.5954, 9.9126,
60.0177

■ 34.5340, 30.2941,
63.0590

■ 15.3205, 7.5291,
59.6776

■ 40.9920, 38.5185,
64.3061

■ 13.6989, 6.0188,
59.4715

■ 48.4293, 48.1348,
65.7702

■ 12.8424, 5.3195,
59.3817

■ 56.8855, 59.2043,
67.4612

■ 66.3980, 71.7846,
69.3881

■ 77.0023, 85.9301,
71.5595

■ 85.9263, 96.0806,
73.0484

■ 88.2625, 97.2850,
73.1578

Harmonies

Analogous

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



17.8761, 17.7524, 74.6117



24.3826, 17.7524, 61.1729



29.6485, 17.7524, 37.0553

Triad

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



24.3826, 17.7524, 61.1729



22.2689, 17.7524, 2.1811



7.7795, 17.7524, 22.2858

Complementary

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



24.3826, 17.7524, 61.1729



42.8774, 54.9725, 19.9066

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.



8.4235, 17.7524, 8.4098



24.3826, 17.7524, 61.1729



15.9084, 17.7524, 1.5512

Square

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



24.3826, 17.7524, 61.1729



28.2389, 17.7524, 5.9076



11.0894, 17.7524, 2.9074



9.0579, 17.7524, 45.1075

Rectangle

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



24.3826, 17.7524, 61.1729



31.1988, 17.7524, 22.4337



11.0894, 17.7524, 2.9074



7.7819, 17.7524, 16.5254

Sweetspot

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



24.3834, 17.7530, 61.1733



73.2160, 71.4310, 104.5364



32.5707, 39.6438, 64.9672



15.1368, 14.5978, 22.2698



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.



24.3834, 17.7530, 61.1733



32.4161, 20.6142, 96.8782



34.3948, 22.9141, 61.6419



11.4545, 11.5676, 14.8727



8.1684, 3.3913, 37.4165



0.5329, 0.2289, 2.0957

Inverse Universe

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



38.1358, 25.2154, 44.9757



57.1897, 34.0941, 66.0225



33.0118, 49.8867, 19.4449



12.1709, 11.9531, 14.1759



19.8201, 9.8009, 19.7569



1.1401, 0.5608, 1.2727

Previews

White Background



This preview shows how the XYZ color 24.3826, 17.7524, 61.1729 looks on a white 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

Black Background



This preview shows how the XYZ color 24.3826, 17.7524, 61.1729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

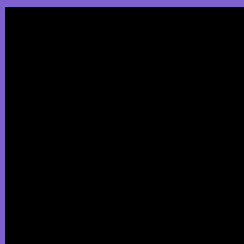
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3826, 17.7524, 61.1729

Background



This preview shows how black text looks on a background with the XYZ color 24.3826, 17.7524, 61.1729.



This preview shows how white text looks on a background with the XYZ color 24.3826, 17.7524,

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

24.3826, 17.7524, 61.1729

Protanopia

20.8553, 17.9787, 72.1831

Deuteranopia

18.5245, 17.9216, 58.9828



Tritanopia

16.6159, 17.7404, 22.6272

Trichromacy



Original Color

24.3826, 17.7524, 61.1729

Protanomaly

21.3666, 17.5287, 67.9029

Deuteranomaly

19.6441, 17.3063, 59.4318

Tritanomaly

18.8876, 17.4822, 33.8314

Monochromacy



Original Color

24.3826, 17.7524, 61.1729

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2964, 17.7408, 31.6854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3826, 17.7524, 61.1729 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(127, 98, 207)` looks like.

```
.text, #text, p{  
    color:rgb(127, 98, 207)  
}
```

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(127, 98, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 98, 207) }
```

Border

The CSS property to change the border of an element to XYZ 24.3826, 17.7524, 61.1729 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(127, 98, 207) }
```


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

```
.border{ border-color:rgb(127, 98, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 98, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 98, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 98, 207);  
box-shadow:4px 4px 4px 4px rgb(127, 98,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3826, 17.7524, 61.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 98, 207) }
```

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

```
.background{ background-color: rgb(127, 98,  
207) }
```

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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