

Converting Colors

XYZ(28.3765, 26.6073, 62.6716)

Have a look what the booklet for
XYZ(28.3765, 26.6073, 62.6716)
contains.

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Color

**XYZ(28.3765, 26.6073,
62.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	7B89CF
RGB	123, 137, 207
RGB Percent	48%, 54%, 81%
CMY	0.5176, 0.4627, 0.1882
CMYK	0.41, 0.34, 0.00, 0.19
HSL	230°, 47%, 65%
HSV	230°, 41%, 81%
XYZ	28.3765, 26.6073, 62.6716
YIQ	140.7940, -30.8140, 18.8020

Conversions

Conversions Part 2

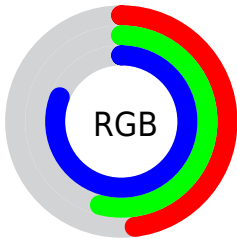
Format	Color
RYB	123, 135, 207
Decimal	8096207
CIELab	58.61, 12.59, -37.73
CIELCh	59, 39.775, 288.448
Yxy	26.6073, 0.2412, 0.2261
Android (android.graphics.Color)	4286286287 (0xFF7B89CF)
YUV	140.7940, 32.6396, -15.6053
Hunter-Lab	51.5823, 7.9277, -35.9288

Details

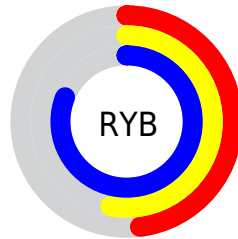
The XYZ color **28.3765, 26.6073, 62.6716** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.3780, 52.8363, 26.3886**, and the grayscale version is **25.1226, 26.4309, 28.7833**.

A 20% lighter version of the original color is **54.8236, 53.5119, 102.0471**, and **11.5299, 10.3486, 31.0955** is the 20% darker color. If you saturate the color by 10%, you get **23.4632, 20.7210, 61.7949**, and if you desaturate by 10%, it is **34.3098, 33.6024, 63.7096**.

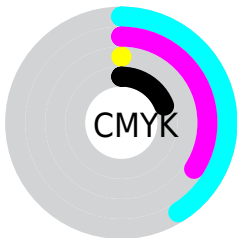
Distribution



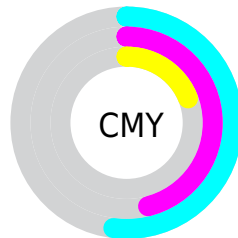
- Red (48%)
- Green (54%)
- Blue (81%)



- Red (48%)
- Yellow (53%)
- Blue (81%)



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3765, 26.6073, 62.6716 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 28.3765, 26.6073, 62.6716 by changing the saturation by 10% instead.

■ 28.3765, 26.6073,
62.6716

■ 28.3765, 26.6073,
62.6716

286.3092,
285.7507, 452.4518

■ 18.7516, 17.2785,
45.1363

■ 56.4894, 54.2531,
110.2766

■ 11.5938, 10.4333,
31.2211

■ 75.7081, 73.3388,
141.1834

■ 6.5380, 5.6872,
20.5074

■ 98.8555, 96.4457,
177.3843

■ 3.2186, 2.6558,
12.5767

126.2968,
123.9581, 219.2981

■ 1.2704, 0.9548,
7.0104

158.3975,
156.2604, 267.3432

■ 0.1609, 0.0000,
3.3901

195.5229,

■ 0.0000, 0.0000,

193.7370, 321.9382

1.2971

238.0383,
236.7723, 383.5015

■ 0.0000, 0.0000,
0.0594

■ 0.0000, 0.0000,
0.0000

■ 28.3765, 26.6073,
62.6716

■ 28.3765, 26.6073,
62.6716

■ 23.4632, 20.7210,
61.7949

■ 34.3098, 33.6024,
63.7096

■ 19.5087, 15.8829,
61.0695

■ 41.3139, 41.7567,
64.9144

■ 16.4495, 12.0308,
60.4872

■ 49.4397, 51.1212,
66.2936

■ 14.2128, 9.0947,
60.0383

■ 58.7338, 61.7429,
67.8539

■ 12.7141, 6.9946,
59.7120

■ 69.2402, 73.6661,
69.6016

■ 11.8490, 5.6778,
59.5034

■ 81.0008, 86.9333,
71.5426

■ 88.2626, 97.2850,
73.1579

Harmonies

Analogous

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



23.4565, 26.6073, 64.0814



28.3765, 26.6073, 62.6716



32.9816, 26.6073, 50.7017

Triad

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



28.3765, 26.6073, 62.6716



32.0380, 26.6073, 13.1545



17.1651, 26.6073, 23.9156

Complementary

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



28.3765, 26.6073, 62.6716



48.3780, 52.8363, 26.3886

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.



18.8972, 26.6073, 14.5516



28.3765, 26.6073, 62.6716



27.2155, 26.6073, 9.8124

Square

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



28.3765, 26.6073, 62.6716



35.2759, 26.6073, 21.2718



22.4348, 26.6073, 10.2245



17.3917, 26.6073, 38.3340

Rectangle

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



28.3765, 26.6073, 62.6716



35.0593, 26.6073, 40.0064



22.4348, 26.6073, 10.2245



17.5275, 26.6073, 20.1778

Sweetspot

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



28.3775, 26.6083, 62.6722



77.0724, 79.4469, 105.8804



40.1076, 52.6875, 58.5086



16.1138, 16.5647, 22.5980



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.



28.3775, 26.6083, 62.6722



38.3100, 34.0626, 99.1633



31.1089, 25.2513, 62.2664



11.3206, 11.7315, 14.9114



7.5123, 3.6712, 37.5052



0.4706, 0.3063, 2.1139

Inverse Universe

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



37.3313, 29.2385, 27.3439



54.8050, 39.4689, 33.9545



44.4792, 55.6401, 27.1353



11.8880, 11.8399, 12.6859



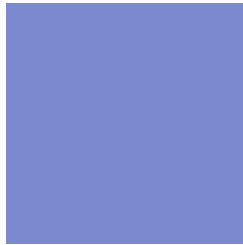
16.4226, 8.4419, 1.8656



0.9437, 0.4822, 0.2386

Previews

White Background



This preview shows how the XYZ color 28.3765, 26.6073, 62.6716 looks on a white background.

Color Contrast Check

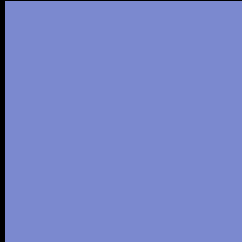
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3765, 26.6073, 62.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

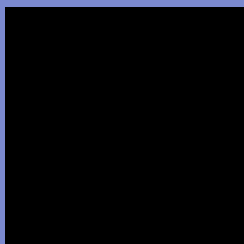
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3765, 26.6073, 62.6716

Background



This preview shows how black text looks on a background with the XYZ color 28.3765, 26.6073, 62.6716.



This preview shows how white text looks on a background with the XYZ color 28.3765, 26.6073,

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

28.3765, 26.6073, 62.6716

Protanopia

27.8098, 26.5129, 63.3263

Deuteranopia

27.3287, 26.7231, 62.1102



Tritanopia

23.1608, 26.7156, 36.2837

Trichromacy



Original Color

28.3765, 26.6073, 62.6716

Protanomaly

28.0814, 26.6530, 63.3390

Deuteranomaly

27.7093, 26.7034, 62.0863

Tritanomaly

24.7292, 26.4243, 44.8713

Monochromacy



Original Color

28.3765, 26.6073, 62.6716

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0011, 26.5411, 39.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3765, 26.6073, 62.6716 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(123, 137, 207)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 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(123, 137, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 207) }
```

Border

The CSS property to change the border of an element to XYZ 28.3765, 26.6073, 62.6716 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(123, 137, 207) }
```


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

```
.border{ border-color:rgb(123, 137, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 207);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3765, 26.6073, 62.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 207) }
```

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

```
.background{ background-color: rgb(123,  
137, 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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