

Converting Colors

XYZ(27.2456, 24.3721, 52.7665)

Have a look what the booklet for
XYZ(27.2456, 24.3721, 52.7665)
contains.

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Color

**XYZ(27.2765, 24.4342,
52.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	8880BF
RGB	136, 128, 191
RGB Percent	53%, 50%, 75%
CMY	0.4667, 0.4980, 0.2510
CMYK	0.29, 0.33, 0.00, 0.25
HSL	248°, 33%, 63%
HSV	248°, 33%, 75%
XYZ	27.2765, 24.4342, 52.5689
YIQ	137.5740, -15.4550, 21.2890

Conversions

Conversions Part 2

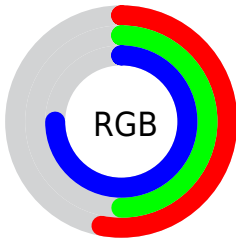
Format	Color
RYB	136, 128, 191
Decimal	8945855
CIELab	56.52, 17.22, -31.86
CIELCh	57, 36.218, 298.382
Yxy	24.4342, 0.2616, 0.2343
Android (android.graphics.Color)	4287135935 (0xFF8880BF)
YUV	137.5740, 26.3390, -1.3804
Hunter-Lab	49.4310, 11.9939, -28.4521

Details

The XYZ color **27.2765, 24.4342, 52.5689** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.0562, 48.8880, 27.6428**, and the grayscale version is **23.9034, 25.1482, 27.3864**.

A 20% lighter version of the original color is **54.9530, 50.9014, 95.7356**, and **10.9675, 9.2829, 24.8806** is the 20% darker color. If you saturate the color by 10%, you get **22.5151, 18.6233, 51.6987**, and if you desaturate by 10%, it is **32.9298, 31.4020, 53.6163**.

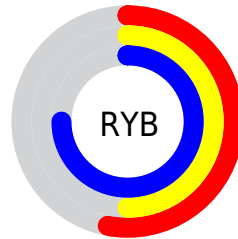
Distribution



Red (53%)

Green (50%)

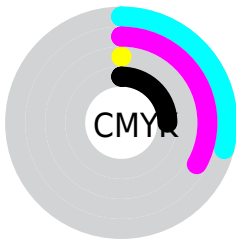
Blue (75%)



Red (53%)

Yellow (50%)

Blue (75%)

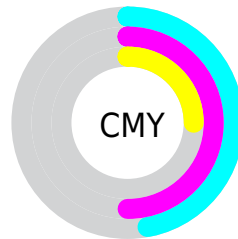


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2765, 24.4342, 52.5689 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 27.2765, 24.4342, 52.5689 by changing the saturation by 10% instead.

■ 27.2765, 24.4342,
52.5689

■ 27.2765, 24.4342,
52.5689

281.1366,
275.0084, 413.6482

■ 17.9187, 15.6560,
37.0734

■ 54.7440, 50.7378,
95.4048

■ 10.9909, 9.2811,
24.9681

■ 73.5844, 69.0321,
123.5823

■ 6.1280, 4.9250,
15.8345

■ 96.3163, 91.2671,
156.8241

■ 2.9645, 2.2033,
9.2540

123.3051,
117.8274, 195.5489

■ 1.1350, 0.7218,
4.8082

154.9162,
149.0972, 240.1752

■ 0.0541, 0.0000,
2.0784

191.5149,

■ 0.0000, 0.0000,

185.4611, 291.1215

0.6029

233.4666,
227.3033, 348.8063

■ 0.0000, 0.0000,
0.0000

■ 27.2765, 24.4342,
52.5689

■ 27.2765, 24.4342,
52.5689

■ 22.5151, 18.6233,
51.6987

■ 32.9298, 31.4020,
53.6163

■ 18.5974, 13.9038,
50.9942

■ 39.5150, 39.5819,
54.8481

■ 15.4742, 10.2078,
50.4454

■ 47.0727, 49.0289,
56.2732

■ 13.0902, 7.4586,
50.0404

■ 55.6402, 59.7939,
57.8995

■ 11.3830, 5.5688,
49.7656

■ 65.2531, 71.9247,
59.7343

■ 10.2791, 4.4341,
49.6048

■ 75.9450, 85.4672,
61.7848

■ 9.7868, 3.9589,
49.5390

■ 85.5722, 96.1128,
63.3322

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



22.9968, 24.4342, 57.0520



27.2765, 24.4342, 52.5689



30.7989, 24.4342, 40.6587

Triad

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



27.2765, 24.4342, 52.5689



27.7183, 24.4342, 11.3741



16.0531, 24.4342, 25.9573

Complementary

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



27.2765, 24.4342, 52.5689



42.0562, 48.8880, 27.6428

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.



17.0056, 24.4342, 16.2318



27.2765, 24.4342, 52.5689



23.4526, 24.4342, 9.5403

Square

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



27.2765, 24.4342, 52.5689



31.0748, 24.4342, 17.0587



19.5941, 24.4342, 11.0077



16.8211, 24.4342, 39.1771

Rectangle

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



27.2765, 24.4342, 52.5689



32.0625, 24.4342, 31.5374



19.5941, 24.4342, 11.0077



16.1802, 24.4342, 22.2152

Sweetspot

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



27.2773, 24.4352, 52.5695



74.4150, 75.4362, 98.9177



35.3747, 42.4872, 55.6271



15.9339, 16.0573, 21.6449



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.2773, 24.4352, 52.5695



42.1896, 35.6200, 92.9309



33.0286, 27.4000, 52.8386



9.1261, 9.2819, 11.9828



6.4702, 2.6216, 32.5579



0.2907, 0.1219, 1.2771

Inverse Universe

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



37.7530, 29.9345, 48.5885



64.1002, 47.1323, 84.1545



35.5048, 45.5106, 27.3362



9.8764, 9.6749, 11.7381



18.7094, 9.1149, 24.8271



0.7476, 0.3629, 1.0503

Previews

White Background



This preview shows how the XYZ color 27.2765, 24.4342, 52.5689 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 27.2765, 24.4342, 52.5689 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 27.2765, 24.4342, 52.5689

Background



This preview shows how black text looks on a background with the XYZ color 27.2765, 24.4342, 52.5689.



This preview shows how white text looks on a background with the XYZ color 27.2765, 24.4342,

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

27.2765, 24.4342, 52.5689

Protanopia

25.4403, 24.4282, 55.0040

Deuteranopia

25.1555, 24.5498, 52.1279



Tritanopia

22.9645, 24.5099, 31.1243

Trichromacy



Original Color

27.2765, 24.4342, 52.5689

Protanomaly

26.0223, 24.3386, 54.3652

Deuteranomaly

25.8577, 24.5053, 52.0823

Tritanomaly

24.3419, 24.4404, 38.0848

Monochromacy



Original Color

27.2765, 24.4342, 52.5689

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9274, 24.8029, 35.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2765, 24.4342, 52.5689 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(136, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 191)  
}
```

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(136, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.2765, 24.4342, 52.5689 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(136, 128, 191) }
```


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

```
.border{ border-color:rgb(136, 128, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2765, 24.4342, 52.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 128, 191) }
```

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

```
.background{ background-color: rgb(136,  
128, 191) }
```

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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