

Converting Colors

XYZ(26.4927, 27.5693, 43.6635)

Have a look what the booklet for
XYZ(26.4927, 27.5693, 43.6635)
contains.

XYZ(26.4182, 27.5528, 43.4610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4182, 27.5528,
43.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	8090AD
RGB	128, 144, 173
RGB Percent	50%, 56%, 68%
CMY	0.4980, 0.4353, 0.3216
CMYK	0.26, 0.17, 0.00, 0.32
HSL	219°, 22%, 59%
HSV	219°, 26%, 68%
XYZ	26.4182, 27.5528, 43.4610
YIQ	142.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

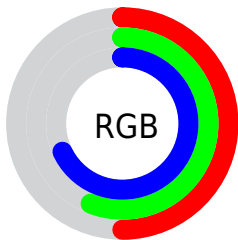
Format	Color
R_{YB}	128, 140, 173
Decimal	8425645
CIE _{Lab}	59.48, 0.95, -17.11
CIE _{LCh}	59, 17.141, 273.177
Yxy	27.5528, 0.2711, 0.2828
Android (android.graphics.Color)	4286615725 (0xFF8090AD)
YUV	142.5220, 15.0257, -12.7358
Hunter-Lab	52.4908, -2.0211, -12.3471

Details

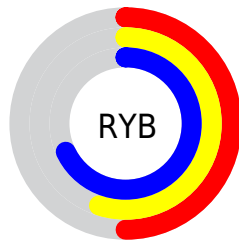
The XYZ color **26.4182, 27.5528, 43.4610** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.1873, 34.5571, 25.3440**, and the grayscale version is **25.8663, 27.2134, 29.6354**.

A 20% lighter version of the original color is **53.4891, 55.9347, 81.3761**, and **10.5958, 11.0056, 19.6550** is the 20% darker color. If you saturate the color by 10%, you get **22.4286, 23.1125, 42.8147**, and if you desaturate by 10%, it is **31.0199, 32.5576, 44.1849**.

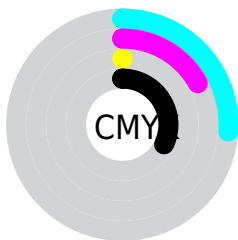
Distribution



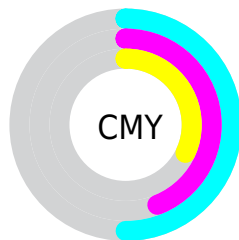
- Red (50%)
- Green (56%)
- Blue (68%)



- Red (50%)
- Yellow (55%)
- Blue (68%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4182, 27.5528, 43.4610 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 26.4182, 27.5528, 43.4610 by changing the saturation by 10% instead.

■ 26.4182, 27.5528,
43.4610

■ 26.4182, 27.5528,
43.4610

277.0482,
290.3238, 376.4810

■ 17.2711, 17.9888,
29.9129

■ 53.3753, 55.7697,
81.6999

■ 10.5245, 10.9420,
19.5210

■ 71.9161, 75.1914,
107.2277

■ 5.8130, 6.0278,
11.8667

■ 94.3187, 98.6677,
137.5859

■ 2.7713, 2.8620,
6.5316

120.9487,
126.5832, 173.1930

■ 1.0340, 1.0601,
3.0969

152.1712,
159.3221, 214.4675

■ 0.0000, 0.0000,
1.1443

188.3518,

■ 0.0000, 0.0000,

197.2690, 261.8280

0.0000

229.8556,
240.8081, 315.6930

■ 26.4182, 27.5528,
43.4610

■ 26.4182, 27.5528,
43.4610

■ 22.4286, 23.1125,
42.8147

■ 31.0199, 32.5576,
44.1849

■ 19.0214, 19.2122,
42.2414

■ 36.2568, 38.1435,
44.9871

■ 16.1677, 15.8302,
41.7390

■ 42.1536, 44.3307,
45.8706

■ 13.8354, 12.9421,
41.3045

■ 48.7332, 51.1371,
46.8376

■ 11.9886, 10.5211,
40.9345

■ 56.0170, 58.5802,
47.8903

■ 10.5861, 8.5371,
40.6255

■ 64.0259, 66.6763,
49.0309

■ 9.5753, 6.9537,
40.3732

■ 72.7795, 75.4415,
50.2614

■ 9.2392, 6.4098,
40.2859

■ 77.9762, 82.6638,
51.3816

■ 81.2362, 89.1838,
52.4682

Harmonies

Analogous

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



24.3645, 27.5528, 41.8712



26.4182, 27.5528, 43.4610



28.5191, 27.5528, 41.0560

Triad

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



26.4182, 27.5528, 43.4610



29.8075, 27.5528, 23.9697



22.6653, 27.5528, 24.9630

Complementary

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



26.4182, 27.5528, 43.4610



33.1873, 34.5571, 25.3440

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.



23.9877, 27.5528, 21.1322



26.4182, 27.5528, 43.4610



28.1006, 27.5528, 20.6163

Square

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



26.4182, 27.5528, 43.4610



30.5421, 27.5528, 29.3481



25.9594, 27.5528, 19.6527



22.2689, 27.5528, 30.6622

Rectangle

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



26.4182, 27.5528, 43.4610



29.6432, 27.5528, 37.6806



25.9594, 27.5528, 19.6527



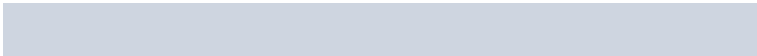
23.0125, 27.5528, 23.4417

Sweetspot

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



26.4191, 27.5539, 43.4616



62.8389, 66.0932, 80.2511



29.8895, 36.8942, 37.2216



13.3488, 14.0368, 17.3935



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.4191, 27.5539, 43.4616



43.2298, 44.8255, 77.1795



25.0943, 23.5247, 42.7537



7.8032, 8.2058, 10.1253



6.8372, 4.8082, 29.6122



0.2427, 0.2388, 0.8413

Inverse Universe

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



29.9875, 26.3371, 29.8897



50.7532, 42.5772, 48.4945



34.7768, 39.6617, 26.2455



8.1185, 8.0606, 8.9347



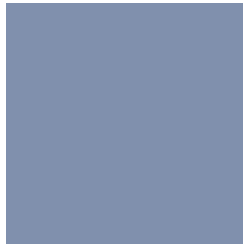
13.3147, 6.7884, 4.0368



0.3969, 0.1995, 0.2519

Previews

White Background



This preview shows how the XYZ color 26.4182, 27.5528, 43.4610 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 26.4182, 27.5528, 43.4610 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 26.4182, 27.5528, 43.4610

Background



This preview shows how black text looks on a background with the XYZ color 26.4182, 27.5528, 43.4610.



This preview shows how white text looks on a background with the XYZ color 26.4182, 27.5528,

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

26.4182, 27.5528, 43.4610

Protanopia

27.3402, 27.6046, 42.4153

Deuteranopia

28.0026, 27.4749, 43.8717



Tritanopia

25.0627, 27.6960, 36.3727

Trichromacy



Original Color

26.4182, 27.5528, 43.4610

Protanomaly

27.1004, 27.6918, 42.9464

Deuteranomaly

27.3182, 27.3400, 43.8817

Tritanomaly

25.4939, 27.6377, 38.6413

Monochromacy



Original Color

26.4182, 27.5528, 43.4610

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1364, 27.3813, 34.4794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4182, 27.5528, 43.4610 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, 144, 173)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 173)  
}
```

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, 144, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.4182, 27.5528, 43.4610 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, 144, 173) }
```


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

```
.border{ border-color:rgb(128, 144, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 173);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4182, 27.5528, 43.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 173) }
```

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

```
.background{ background-color: rgb(128,  
144, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor