

Converting Colors

XYZ(26.1170, 27.5814, 43.6856)

Have a look what the booklet for
XYZ(26.1170, 27.5814, 43.6856)
contains.

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Color

**XYZ(26.1257, 27.6279,
43.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	7D91AD
RGB	125, 145, 173
RGB Percent	49%, 57%, 68%
CMY	0.5098, 0.4314, 0.3216
CMYK	0.28, 0.16, 0.00, 0.32
HSL	215°, 23%, 58%
HSV	215°, 28%, 68%
XYZ	26.1257, 27.6279, 43.4909
YIQ	142.2120, -20.9080, 4.4680

Conversions

Conversions Part 2

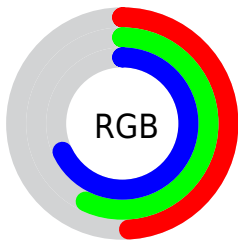
Format	Color
RYB	125, 139, 173
Decimal	8229293
CIELab	59.55, -0.55, -17.03
CIElCh	60, 17.040, 268.137
Yxy	27.6279, 0.2687, 0.2841
Android (android.graphics.Color)	4286419373 (0xFF7D91AD)
YUV	142.2120, 15.1785, -15.0949
Hunter-Lab	52.5622, -3.2618, -12.2640

Details

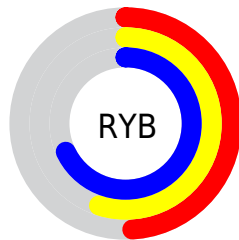
The XYZ color **26.1257, 27.6279, 43.4909** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.3269, 33.1477, 24.0972**, and the grayscale version is **25.7435, 27.0841, 29.4946**.

A 20% lighter version of the original color is **52.7871, 55.9133, 81.4089**, and **10.4450, 11.0607, 19.6736** is the 20% darker color. If you saturate the color by 10%, you get **22.3428, 23.4899, 42.8920**, and if you desaturate by 10%, it is **30.4873, 32.2688, 44.1573**.

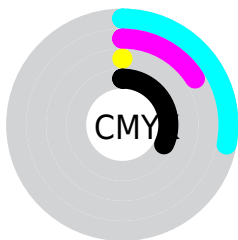
Distribution



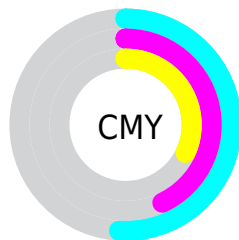
- Red (49%)
- Green (57%)
- Blue (68%)



- Red (49%)
- Yellow (55%)
- Blue (68%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (51%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1257, 27.6279, 43.4909 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 26.1257, 27.6279, 43.4909 by changing the saturation by 10% instead.

■ 26.1257, 27.6279,
43.4909

■ 26.1257, 27.6279,
43.4909

275.6440,
290.6846, 376.6071

■ 17.0509, 18.0454,
29.9362

■ 52.9075, 55.8898,
81.7454

■ 10.3663, 10.9826,
19.5385

■ 71.3452, 75.3380,
107.2823

■ 5.7066, 6.0551,
11.8793

■ 93.6346, 98.8435,
137.6504

■ 2.7065, 2.8786,
6.5400

120.1410,
126.7907, 173.2682

■ 1.0005, 1.0687,
3.1021

151.2298,
159.5640, 214.5542

■ 0.0000, 0.0000,
1.1470

187.2663,

■ 0.0000, 0.0000,

197.5478, 261.9270

0.0000

228.6159,
241.1266, 315.8051

■ 26.1257, 27.6279,
43.4909

■ 26.1257, 27.6279,
43.4909

■ 22.3428, 23.4899,
42.8920

■ 30.4873, 32.2688,
44.1573

■ 19.1095, 19.8328,
42.3566

■ 35.4494, 37.4271,
44.8914

■ 16.3982, 16.6373,
41.8827

■ 41.0362, 43.1207,
45.6959

■ 14.1775, 13.8817,
41.4678

■ 47.2693, 49.3656,
46.5728

■ 12.4123, 11.5417,
41.1092

■ 54.1695, 56.1770,
47.5238

■ 11.0622, 9.5903,
40.8037

■ 61.7566, 63.5695,
48.5508

■ 10.0649, 7.9886,
40.5471

■ 70.0495, 71.5573,
49.6556

■ 9.8659, 7.6632,
40.4948

■ 75.9069, 78.5252,
50.6918

■ 78.7280, 84.1674,
51.6321

Harmonies

Analogous

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



24.1430, 27.6279, 41.2635



26.1257, 27.6279, 43.4909



28.2517, 27.6279, 41.7392

Triad

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



26.1257, 27.6279, 43.4909



30.0647, 27.6279, 24.8514



22.9119, 27.6279, 24.2706

Complementary

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



26.1257, 27.6279, 43.4909



32.3269, 33.1477, 24.0972

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.



24.3632, 27.6279, 20.8266



26.1257, 27.6279, 43.4909



28.4961, 27.6279, 21.1285

Square

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



26.1257, 27.6279, 43.4909



30.5986, 27.6279, 30.4675



26.3937, 27.6279, 19.7585



22.3513, 27.6279, 29.6999

Rectangle

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



26.1257, 27.6279, 43.4909



29.4505, 27.6279, 38.6681



26.3937, 27.6279, 19.7585



23.3077, 27.6279, 22.8716

Sweetspot

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



26.1266, 27.6290, 43.4915



63.1155, 66.6465, 80.3433



29.0856, 36.5213, 35.3087



13.4189, 14.1770, 17.4169



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.



26.1266, 27.6290, 43.4915



42.7162, 45.0516, 77.2502



23.8094, 22.2899, 42.5831



7.8428, 8.2850, 10.1385



7.3018, 5.7374, 29.7671



0.2580, 0.2693, 0.8464

Inverse Universe

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



29.6788, 25.5966, 30.1656



50.1881, 41.1798, 49.1295



35.1802, 39.8921, 25.2486



8.1385, 8.0686, 9.0400



13.5492, 6.8822, 5.2717



0.4046, 0.2025, 0.2924

Previews

White Background



This preview shows how the XYZ color 26.1257, 27.6279, 43.4909 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 26.1257, 27.6279, 43.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

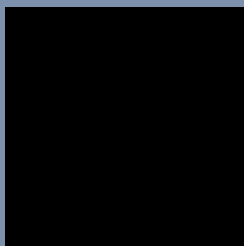
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

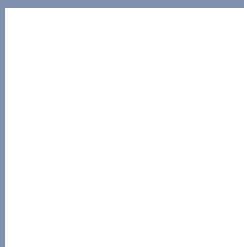
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1257, 27.6279, 43.4909

Background



This preview shows how black text looks on a background with the XYZ color 26.1257, 27.6279, 43.4909.



This preview shows how white text looks on a background with the XYZ color 26.1257, 27.6279,

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

26.1257, 27.6279, 43.4909

Protanopia

27.3402, 27.6046, 42.4153

Deuteranopia

28.1734, 27.5629, 43.8797



Tritanopia

24.7178, 27.5082, 36.8077

Trichromacy



Original Color

26.1257, 27.6279, 43.4909

Protanomaly

26.9417, 27.6100, 42.9390

Deuteranomaly

27.4663, 27.6362, 43.9311

Tritanomaly

25.1481, 27.4491, 39.0947

Monochromacy



Original Color

26.1257, 27.6279, 43.4909

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7256, 27.1791, 34.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1257, 27.6279, 43.4909 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(125, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(125, 145, 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(125, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.1257, 27.6279, 43.4909 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(125, 145, 173) }
```


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

```
.border{ border-color:rgb(125, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 145,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1257, 27.6279, 43.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 145, 173) }
```

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

```
.background{ background-color: rgb(125,  
145, 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](#).

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