

Converting Colors

XYZ(25.4469, 27.4692, 42.9124)

Have a look what the booklet for
XYZ(25.4469, 27.4692, 42.9124)
contains.

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Color

**XYZ(25.4710, 27.5294,
43.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	7892AC
RGB	120, 146, 172
RGB Percent	47%, 57%, 67%
CMY	0.5294, 0.4274, 0.3255
CMYK	0.30, 0.15, 0.00, 0.33
HSL	210°, 24%, 57%
HSV	210°, 30%, 67%
XYZ	25.4710, 27.5294, 43.0010
YIQ	141.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

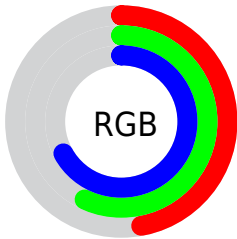
Format	Color
R_{YB}	120, 137, 172
Decimal	7901868
CIE _{Lab}	59.46, -2.91, -16.63
CIE _{LCh}	59, 16.882, 260.091
Yxy	27.5294, 0.2653, 0.2868
Android (android.graphics.Color)	4286091948 (0xFF7892AC)
YUV	141.1900, 15.1893, -18.5836
Hunter-Lab	52.4685, -5.1664, -11.8637

Details

The XYZ color **25.4710, 27.5294, 43.0010** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.6827, 30.6848, 22.0756**, and the grayscale version is **25.3416, 26.6613, 29.0342**.

A 20% lighter version of the original color is **51.7530, 55.7388, 80.7040**, and **10.0988, 11.0239, 19.3649** is the 20% darker color. If you saturate the color by 10%, you get **22.0204, 23.8567, 42.4744**, and if you desaturate by 10%, it is **29.4515, 31.6247, 43.5821**.

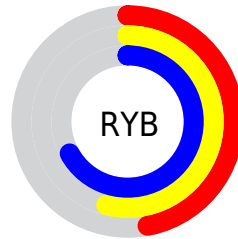
Distribution



Red (47%)

Green (57%)

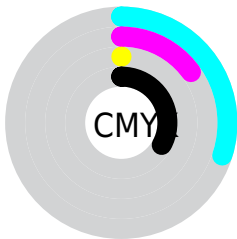
Blue (67%)



Red (47%)

Yellow (54%)

Blue (67%)

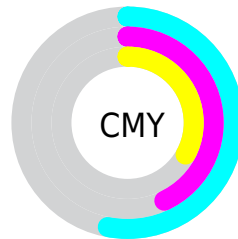


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4710, 27.5294, 43.0010 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 25.4710, 27.5294, 43.0010 by changing the saturation by 10% instead.

■ 25.4710, 27.5294,
43.0010

■ 25.4710, 27.5294,
43.0010

272.4801,
290.2113, 374.5372

■ 16.5589, 17.9712,
29.5545

■ 51.8577, 55.7322,
80.9987

■ 10.0139, 10.9293,
19.2515

■ 70.0630, 75.1457,
106.3871

■ 5.4705, 6.0193,
11.6735

■ 92.0968, 98.6130,
136.5931

■ 2.5634, 2.8568,
6.4019

118.3244,
126.5185, 172.0353

■ 0.9274, 1.0575,
3.0183

149.1112,
159.2467, 213.1323

■ 0.0000, 0.0000,
1.1040

184.8225,

■ 0.0000, 0.0000,

197.1820, 260.3026

0.0000

225.8237,
240.7088, 313.9647

■ 25.4710, 27.5294,
43.0010

■ 25.4710, 27.5294,
43.0010

■ 22.0204, 23.8567,
42.4744

■ 29.4515, 31.6247,
43.5821

■ 19.0721, 20.5870,
41.9987

■ 33.9828, 36.1544,
44.2176

■ 16.5996, 17.7041,
41.5726

■ 39.0875, 41.1340,
44.9098

■ 14.5725, 15.1889,
41.1939

■ 44.7862, 46.5770,
45.6600

■ 12.9570, 13.0202,
40.8605

■ 51.0987, 52.4964,
46.4699

■ 11.7130, 11.1736,
40.5696

■ 58.0434, 58.9046,
47.3407

■ 10.7747, 9.6349,
40.3221

■ 65.6382, 65.8136,
48.2740

■ 72.9360, 72.7376,
49.2259

■ 75.1810, 77.2277,
49.9742

Harmonies

Analogous

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



23.6380, 27.5294, 39.8457



25.4710, 27.5294, 43.0010



27.5905, 27.5294, 42.3228

Triad

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



25.4710, 27.5294, 43.0010



30.1818, 27.5294, 26.1426



23.1634, 27.5294, 23.0947

Complementary

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



25.4710, 27.5294, 43.0010



30.6827, 30.6848, 22.0756

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.



24.7911, 27.5294, 20.2976



25.4710, 27.5294, 43.0010



28.8678, 27.5294, 21.8857

Square

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



25.4710, 27.5294, 43.0010



30.3881, 27.5294, 32.0279



26.8733, 27.5294, 19.8871



22.3541, 27.5294, 28.0114

Rectangle

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



25.4710, 27.5294, 43.0010



28.8784, 27.5294, 39.8169



26.8733, 27.5294, 19.8871



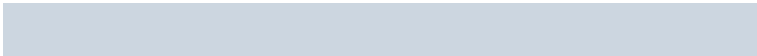
23.6288, 27.5294, 21.9051

Sweetspot

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



25.4719, 27.5305, 43.0016



62.5899, 66.5162, 80.3458



27.6200, 35.5472, 32.2482



13.3327, 14.1897, 17.4239



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.



25.4719, 27.5305, 43.0016



42.0861, 45.5835, 77.3861



22.0140, 20.6147, 41.8490



7.8973, 8.3940, 10.1567



8.0730, 7.2798, 30.0242



0.2794, 0.3121, 0.8535

Inverse Universe

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



28.9188, 24.2797, 30.3576



49.4326, 39.2028, 50.3144



34.9921, 39.3035, 23.5121



8.1660, 8.0796, 9.1848



13.9385, 7.0379, 7.3215



0.4154, 0.2068, 0.3493

Previews

White Background



This preview shows how the XYZ color 25.4710, 27.5294, 43.0010 looks on a white background.

Color Contrast Check

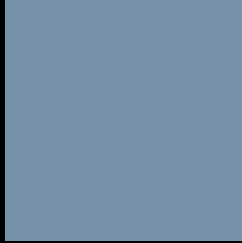
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4710, 27.5294, 43.0010 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

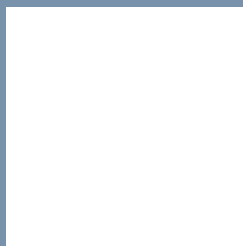
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4710, 27.5294, 43.0010

Background



This preview shows how black text looks on a background with the XYZ color 25.4710, 27.5294, 43.0010.



This preview shows how white text looks on a background with the XYZ color 25.4710, 27.5294,

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

25.4710, 27.5294, 43.0010

Protanopia

27.1510, 27.5289, 41.4187

Deuteranopia

28.0762, 27.5241, 43.3681



Tritanopia

24.2712, 27.4998, 37.2865

Trichromacy



Original Color

25.4710, 27.5294, 43.0010

Protanomaly

26.4382, 27.3725, 41.9202

Deuteranomaly

27.0473, 27.4315, 43.4044

Tritanomaly

24.6058, 27.3993, 39.1137

Monochromacy



Original Color

25.4710, 27.5294, 43.0010

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1628, 26.8985, 33.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4710, 27.5294, 43.0010 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(120, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 172)  
}
```

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(120, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 172) }
```

Border

The CSS property to change the border of an element to XYZ 25.4710, 27.5294, 43.0010 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(120, 146, 172) }
```


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

```
.border{ border-color:rgb(120, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 146, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 146, 172); box-shadow:4px 4px 4px 4px rgb(120, 146, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4710, 27.5294, 43.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 172) }
```

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

```
.background{ background-color: rgb(120,  
146, 172) }
```

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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