

Converting Colors

XYZ(25.5899, 26.9447, 43.5583)

Have a look what the booklet for
XYZ(25.5899, 26.9447, 43.5583)
contains.

XYZ(25.5337, 26.8730, 43.3764)	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(25.5337, 26.8730,
43.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8FAD
RGB	123, 143, 173
RGB Percent	48%, 56%, 68%
CMY	0.5176, 0.4392, 0.3216
CMYK	0.29, 0.17, 0.00, 0.32
HSL	216°, 23%, 58%
HSV	216°, 29%, 68%
XYZ	25.5337, 26.8730, 43.3764
YIQ	140.4400, -21.5500, 5.0900

Conversions

Conversions Part 2

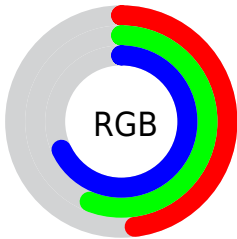
Format	Color
R_{YB}	123, 137, 173
Decimal	8097709
CIE Lab	58.86, -0.03, -18.10
CIE LCh	59, 18.099, 269.890
Yxy	26.8730, 0.2666, 0.2806
Android (android.graphics.Color)	4286287789 (0xFF7B8FAD)
YUV	140.4400, 16.0521, -15.2949
Hunter-Lab	51.8392, -2.7973, -13.3235

Details

The XYZ color **25.5337, 26.8730, 43.3764** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.2005, 33.0972, 23.4310**, and the grayscale version is **25.0446, 26.3489, 28.6939**.

A 20% lighter version of the original color is **51.8743, 54.7640, 81.2352**, and **10.1132, 10.6256, 19.6071** is the 20% darker color. If you saturate the color by 10%, you get **21.7875, 22.7352, 42.7756**, and if you desaturate by 10%, it is **29.8632, 31.5268, 44.0470**.

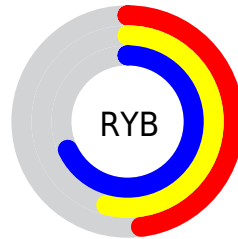
Distribution



Red (48%)

Green (56%)

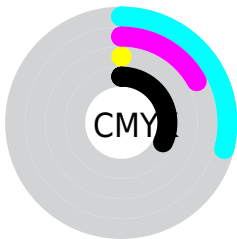
Blue (68%)



Red (48%)

Yellow (54%)

Blue (68%)

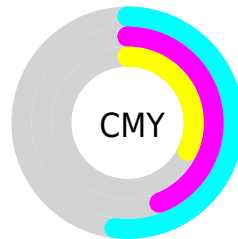


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5337, 26.8730, 43.3764 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 25.5337, 26.8730, 43.3764 by changing the saturation by 10% instead.

■ 25.5337, 26.8730,
43.3764

■ 25.5337, 26.8730,
43.3764

272.7843,
287.0417, 376.1240

■ 16.6060, 17.4779,
29.8470

■ 51.9584, 54.6800,
81.5710

■ 10.0475, 10.5758,
19.4714

■ 70.1861, 73.8607,
107.0732

■ 5.4930, 5.7824,
11.8311

■ 92.2445, 97.0720,
137.4035

■ 2.5770, 2.7132,
6.5077

118.4989,
124.6983, 172.9803

■ 0.9343, 0.9839,
3.0824

149.3148,
157.1240, 214.2223

■ 0.0000, 0.0000,
1.1369

185.0574,

■ 0.0000, 0.0000,

194.7336, 261.5478

0.0000

226.0921,
237.9113, 315.3756

■ 25.5337, 26.8730,
43.3764

■ 25.5337, 26.8730,
43.3764

■ 21.7875, 22.7352,
42.7756

■ 29.8632, 31.5268,
44.0470

■ 18.5951, 19.0904,
42.2404

■ 34.7984, 36.7120,
44.7877

■ 15.9281, 15.9189,
41.7688

■ 40.3639, 42.4469,
45.6013

■ 13.7544, 13.1975,
41.3581

■ 46.5817, 48.7484,
46.4899

■ 12.0381, 10.9013,
41.0053

■ 53.4731, 55.6321,
47.4554

■ 10.7374, 9.0016,
40.7072

■ 61.0581, 63.1135,
48.4996

■ 9.7785, 7.4530,
40.4588

■ 69.3562, 71.2071,
49.6245

■ 9.6836, 7.2984,
40.4340

■ 75.9904, 78.6922,
50.7196

■ 78.8997, 84.5107,
51.6893

Harmonies

Analogous

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



23.4459, 26.8730, 41.2525



25.5337, 26.8730, 43.3764



27.7443, 26.8730, 41.2823

Triad

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



25.5337, 26.8730, 43.3764



29.4525, 26.8730, 23.5446



22.0014, 26.8730, 23.5091

Complementary

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



25.5337, 26.8730, 43.3764



32.2005, 33.0972, 23.4310

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.



23.4594, 26.8730, 19.8329



25.5337, 26.8730, 43.3764



27.7594, 26.8730, 19.8512

Square

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



25.5337, 26.8730, 43.3764



30.0857, 26.8730, 29.2839



25.5503, 26.8730, 18.5962



21.4805, 26.8730, 29.2364

Rectangle

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



25.5337, 26.8730, 43.3764



28.9722, 26.8730, 37.9287



25.5503, 26.8730, 18.5962



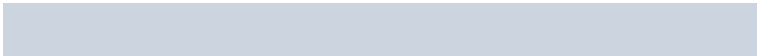
22.3938, 26.8730, 22.0245

Sweetspot

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



25.5345, 26.8741, 43.3770



62.0809, 65.4982, 80.1762



28.7938, 36.3712, 35.2808



13.2063, 13.9370, 17.3817



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.



25.5345, 26.8741, 43.3770



41.1150, 43.0556, 76.9493



23.4038, 21.7088, 42.4923



7.8320, 8.2634, 10.1349



7.1668, 5.4674, 29.7221



0.2538, 0.2610, 0.8450

Inverse Universe

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



29.2752, 25.0342, 29.2768



49.0854, 39.6113, 46.7987



34.8457, 39.7343, 24.5727



8.1330, 8.0665, 9.0112



13.4811, 6.8550, 4.9129



0.4025, 0.2017, 0.2813

Previews

White Background



This preview shows how the XYZ color 25.5337, 26.8730, 43.3764 looks on a white background.

Color Contrast Check

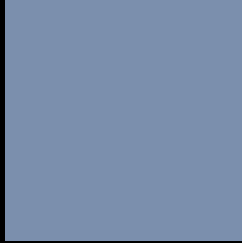
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5337, 26.8730, 43.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

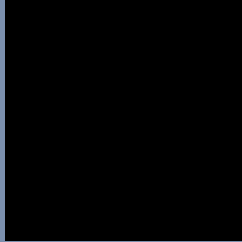
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

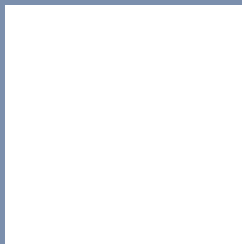
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5337, 26.8730, 43.3764

Background



This preview shows how black text looks on a background with the XYZ color 25.5337, 26.8730, 43.3764.



This preview shows how white text looks on a background with the XYZ color 25.5337, 26.8730,

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

25.5337, 26.8730, 43.3764

Protanopia

26.7204, 26.8473, 42.3018

Deuteranopia

27.3759, 26.7219, 43.7594



Tritanopia

24.1104, 26.9852, 35.8362

Trichromacy



Original Color

25.5337, 26.8730, 43.3764

Protanomaly

26.3313, 26.8536, 42.8252

Deuteranomaly

26.6909, 26.7987, 43.8103

Tritanomaly

24.6214, 26.9601, 38.5565

Monochromacy



Original Color

25.5337, 26.8730, 43.3764

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0239, 26.3851, 33.4797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5337, 26.8730, 43.3764 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, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(123, 143, 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(123, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 143, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.5337, 26.8730, 43.3764 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, 143, 173) }
```


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

```
.border{ border-color:rgb(123, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(123, 143,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5337, 26.8730, 43.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 143, 173) }
```

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

```
.background{ background-color: rgb(123,  
143, 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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