

Converting Colors

XYZ(25.3496, 25.4987, 42.1138)

Have a look what the booklet for
XYZ(25.3496, 25.4987, 42.1138)
contains.

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Color

**XYZ(25.3496, 25.4987,
42.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	8189AB
RGB	129, 137, 171
RGB Percent	51%, 54%, 67%
CMY	0.4941, 0.4627, 0.3294
CMYK	0.25, 0.20, 0.00, 0.33
HSL	229°, 20%, 59%
HSV	229°, 25%, 67%
XYZ	25.3496, 25.4987, 42.1138
YIQ	138.4840, -15.6820, 8.8780

Conversions

Conversions Part 2

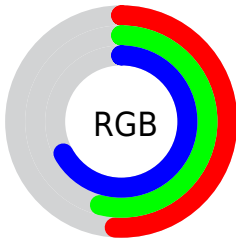
Format	Color
R_{YB}	129, 136, 171
Decimal	8489387
CIE _{Lab}	57.56, 4.78, -18.90
CIE _{LCh}	58, 19.492, 284.210
Yxy	25.4987, 0.2727, 0.2743
Android (android.graphics.Color)	4286679467 (0xFF8189AB)
YUV	138.4840, 16.0304, -8.3175
Hunter-Lab	50.4962, 1.2403, -14.1004

Details

The XYZ color **25.3496, 25.4987, 42.1138** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.8546, 36.4375, 26.0184**, and the grayscale version is **24.2879, 25.5528, 27.8270**.

A 20% lighter version of the original color is **51.4323, 52.2630, 79.3285**, and **9.9624, 9.8106, 18.8213** is the 20% darker color. If you saturate the color by 10%, you get **21.1233, 20.5844, 41.3884**, and if you desaturate by 10%, it is **30.2647, 31.1441, 42.9449**.

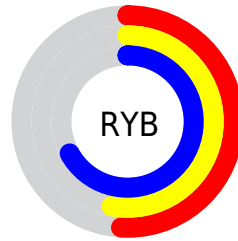
Distribution



Red (51%)

Green (54%)

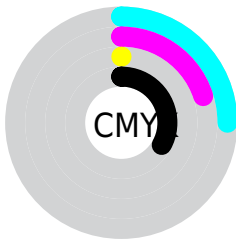
Blue (67%)



Red (51%)

Yellow (53%)

Blue (67%)

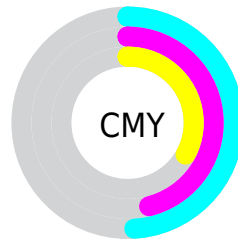


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3496, 25.4987, 42.1138 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 25.3496, 25.4987, 42.1138 by changing the saturation by 10% instead.

■ 25.3496, 25.4987,
42.1138

■ 25.3496, 25.4987,
42.1138

271.8902,
280.3125, 370.7680

■ 16.4678, 16.4490,
28.8642

■ 51.6626, 52.4651,
79.6438

■ 9.9487, 9.8424,
18.7334

■ 69.8246, 71.1506,
104.7612

■ 5.4270, 5.2946,
11.3029

■ 91.8107, 93.8168,
134.6717

■ 2.5372, 2.4211,
6.1543

117.9862,
120.8481, 169.7937

■ 0.9141, 0.8367,
2.8688

148.7166,
152.6290, 210.5458

■ 0.0000, 0.0000,
1.0280

184.3671,

■ 0.0000, 0.0000,

189.5437, 257.3465

0.0000

225.3032,
231.9768, 310.6144

■ 25.3496, 25.4987,
42.1138

■ 25.3496, 25.4987,
42.1138

■ 21.1233, 20.5844,
41.3884

■ 30.2647, 31.1441,
42.9449

■ 17.5521, 16.3678,
40.7628

■ 35.8954, 37.5460,
43.8838

■ 14.6034, 12.8177,
40.2329

■ 42.2698, 44.7322,
44.9349

■ 12.2405, 9.8992,
39.7941

■ 49.4139, 52.7283,
46.1017

■ 10.4227, 7.5737,
39.4411

■ 57.3524, 61.5586,
47.3878

■ 9.1038, 5.7987,
39.1680

■ 66.1090, 71.2465,
48.7962

■ 8.2295, 4.5250,
38.9682

■ 75.7063, 81.8145,
50.3302

■ 7.8829, 4.0046,
38.8860

■ 82.0792, 91.1772,
51.8015

■ 84.3508, 95.7203,
52.5587

Harmonies

Analogous

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



23.0397, 25.4987, 41.9933



25.3496, 25.4987, 42.1138



27.4880, 25.4987, 37.9874

Triad

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



25.3496, 25.4987, 42.1138



27.5829, 25.4987, 19.7601



20.1841, 25.4987, 24.4240

Complementary

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



25.3496, 25.4987, 42.1138



33.8546, 36.4375, 26.0184

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.



21.2507, 25.4987, 19.5618



25.3496, 25.4987, 42.1138



25.4725, 25.4987, 17.1777

Square

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



25.3496, 25.4987, 42.1138



28.8321, 25.4987, 24.7385



23.1550, 25.4987, 17.1114



20.1558, 25.4987, 31.0261

Rectangle

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



25.3496, 25.4987, 42.1138



28.4872, 25.4987, 33.7139



23.1550, 25.4987, 17.1114



20.4299, 25.4987, 22.5584

Sweetspot

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



25.3504, 25.4997, 42.1144



61.5763, 64.1715, 78.1428



30.1918, 36.4235, 39.9024



13.5999, 14.1608, 17.4042



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.



25.3504, 25.4997, 42.1144



41.5013, 41.1489, 74.7571



26.2884, 24.3570, 41.8444



7.6978, 7.9950, 10.0902



5.9724, 3.0787, 29.3240



0.2016, 0.1566, 0.8276

Inverse Universe

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



29.1609, 26.1653, 27.1814



49.4562, 42.6876, 43.5489



32.7053, 38.0211, 26.3846



8.0653, 8.0394, 8.6546



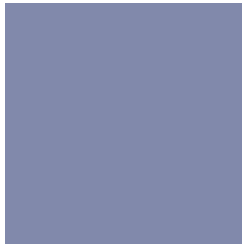
12.8782, 6.6138, 1.7384



0.3762, 0.1911, 0.1426

Previews

White Background



This preview shows how the XYZ color 25.3496, 25.4987, 42.1138 looks on a white background.

Color Contrast Check

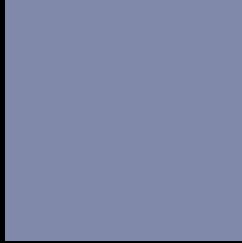
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3496, 25.4987, 42.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

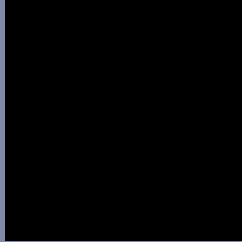
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3496, 25.4987, 42.1138

Background



This preview shows how black text looks on a background with the XYZ color 25.3496, 25.4987, 42.1138.



This preview shows how white text looks on a background with the XYZ color 25.3496, 25.4987,

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

25.3496, 25.4987, 42.1138

Protanopia

25.5023, 25.5774, 42.1209

Deuteranopia

26.0063, 25.4191, 42.0638



Tritanopia

23.5030, 25.3831, 33.3665

Trichromacy



Original Color

25.3496, 25.4987, 42.1138

Protanomaly

25.5023, 25.5774, 42.1209

Deuteranomaly

25.8277, 25.5351, 42.0956

Tritanomaly

24.0948, 25.4041, 36.4344

Monochromacy



Original Color

25.3496, 25.4987, 42.1138

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5852, 25.5299, 32.4861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3496, 25.4987, 42.1138 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(129, 137, 171)` looks like.

```
.text, #text, p{  
    color:rgb(129, 137, 171)  
}
```

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(129, 137, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 137, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.3496, 25.4987, 42.1138 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(129, 137, 171) }
```


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

```
.border{ border-color:rgb(129, 137, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 137, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 137, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 137, 171); box-shadow:4px 4px 4px 4px rgb(129, 137, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3496, 25.4987, 42.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 137, 171) }
```

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

```
.background{ background-color: rgb(129,  
137, 171) }
```

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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