

Converting Colors

XYZ(25.7327, 36.4048, 22.0143)

Have a look what the booklet for
XYZ(25.7327, 36.4048, 22.0143)
contains.

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Color

**XYZ(25.8250, 36.5893,
21.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	71B273
RGB	113, 178, 115
RGB Percent	44%, 70%, 45%
CMY	0.5569, 0.3019, 0.5490
CMYK	0.37, 0.00, 0.35, 0.30
HSL	122°, 30%, 57%
HSV	122°, 37%, 70%
XYZ	25.8250, 36.5893, 21.9210
YIQ	151.3830, -18.5170, -33.3730

Conversions

Conversions Part 2

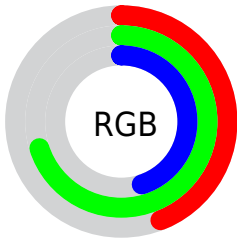
Format	Color
RYB	113, 176, 178
Decimal	7451251
CIELab	66.97, -33.77, 25.83
CIElCh	67, 42.519, 142.593
Yxy	36.5893, 0.3062, 0.4339
Android (android.graphics.Color)	4285641331 (0xFF71B273)
YUV	151.3830, -17.9368, -33.6619
Hunter-Lab	60.4891, -29.6477, 20.8559

Details

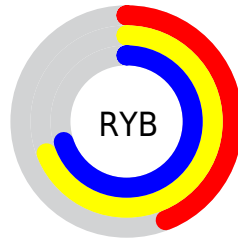
The XYZ color **25.8250, 36.5893, 21.9210** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.1029, 24.4106, 44.0955**, and the grayscale version is **29.6606, 31.2053, 33.9825**.

A 20% lighter version of the original color is **52.3342, 69.8511, 47.2835**, and **10.2415, 16.0527, 7.7130** is the 20% darker color. If you saturate the color by 10%, you get **22.8541, 35.1630, 17.0759**, and if you desaturate by 10%, it is **29.4328, 38.3246, 27.7673**.

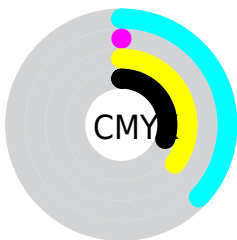
Distribution



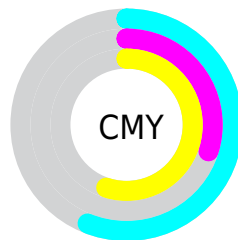
- Red (44%)
- Green (70%)
- Blue (45%)



- Red (44%)
- Yellow (69%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8250, 36.5893, 21.9210 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 25.8250, 36.5893, 21.9210 by changing the saturation by 10% instead.

■ 25.8250, 36.5893,
21.9210

■ 25.8250, 36.5893,
21.9210

274.1944,
331.5290, 275.0735

■ 16.8248, 24.8897,
13.6011

■ 52.4258, 69.9407,
47.5159

■ 10.2042, 15.9949,
7.7082

■ 70.7571, 92.3612,
65.6280

■ 5.5978, 9.5205,
3.8237

■ 92.9294, 119.1241,
87.8412

■ 2.6404, 5.0822,
1.5291

■ 119.3082,
150.6139, 114.5741

■ 0.9666, 2.2956,
0.2395

150.2587,
187.2149, 146.2453

■ 0.0000, 0.7714,
0.0000

186.1463,

■ 0.0000, 0.0000,

229.3114, 183.2732

0.0000

227.3365,
277.2880, 226.0764

■ 25.8250, 36.5893,
21.9210

■ 25.8250, 36.5893,
21.9210

■ 22.8541, 35.1630,
17.0759

■ 29.4328, 38.3246,
27.7673

■ 20.4805, 34.0233,
13.1738

■ 33.7084, 40.3805,
34.6640

■ 18.6646, 33.1521,
10.1538


■ 38.6843, 42.7739,
42.6600


■ 17.3608, 32.5274,
7.9474


■ 44.3898, 45.5188,
51.8003


■ 16.5163, 32.1238,
6.4756

■ 50.8528, 48.6287,
62.1276


 16.0620, 31.9075,
5.6438

 58.0995, 52.1162,
73.6821

 15.9511, 31.8542,
5.4651

 66.1549, 55.9935,
86.5024

 74.8942, 60.1954,
100.6182

 75.2111, 60.3222,
102.2870

Harmonies

Analogous

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



30.2259, 36.5893, 15.2181



25.8250, 36.5893, 21.9210



23.8694, 36.5893, 35.4329

Triad

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



25.8250, 36.5893, 21.9210



33.2023, 36.5893, 86.4725



47.5326, 36.5893, 27.6906

Complementary

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



25.8250, 36.5893, 21.9210



32.1029, 24.4106, 44.0955

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.



48.5852, 36.5893, 44.5971



25.8250, 36.5893, 21.9210



39.7636, 36.5893, 82.4628

Square

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



25.8250, 36.5893, 21.9210



27.7728, 36.5893, 75.2458



45.5902, 36.5893, 65.5514



42.8697, 36.5893, 17.7587

Rectangle

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



25.8250, 36.5893, 21.9210



24.0214, 36.5893, 48.0976



45.5902, 36.5893, 65.5514



48.3421, 36.5893, 32.5853

Sweetspot

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



25.8259, 36.5908, 21.9218



65.7706, 75.4586, 70.3290



37.0151, 42.3722, 21.8509



14.3057, 16.5900, 15.1543



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8259, 36.5908, 21.9218



42.3085, 64.1791, 32.3810



27.9653, 37.4466, 33.1876



8.3992, 9.4942, 9.0960



11.4170, 22.7928, 3.9329



0.3627, 0.7186, 0.1421

Inverse Universe

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



32.1029, 24.4106, 44.0955



55.4006, 38.7676, 78.6239



29.3323, 23.3024, 29.5056



8.8385, 8.6421, 10.6480



18.5052, 8.9196, 28.8842



0.5858, 0.2820, 0.9272

Previews

White Background



This preview shows how the XYZ color 25.8250, 36.5893, 21.9210 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.8250, 36.5893, 21.9210 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 ✓ Pass

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

XYZ 25.8250, 36.5893, 21.9210

Background



This preview shows how black text looks on a background with the XYZ color 25.8250, 36.5893, 21.9210.



This preview shows how white text looks on a background with the XYZ color 25.8250, 36.5893,

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

25.8250, 36.5893, 21.9210

Protanopia

33.5316, 36.1535, 19.3984

Deuteranopia

36.8497, 36.0052, 22.7768



Tritanopia

31.5262, 36.6040, 50.2034

Trichromacy



Original Color

25.8250, 36.5893, 21.9210

Protanomaly

30.0087, 35.9253, 20.3916

Deuteranomaly

31.4715, 35.2889, 22.2923

Tritanomaly

29.0003, 36.4207, 37.8492

Monochromacy



Original Color

25.8250, 36.5893, 21.9210

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.6488, 32.6431, 28.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8250, 36.5893, 21.9210 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(113, 178, 115)` looks like.

```
.text, #text, p{  
    color:rgb(113, 178, 115)  
}
```

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(113, 178, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 178, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.8250, 36.5893, 21.9210 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(113, 178, 115) }
```


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

```
.border{ border-color:rgb(113, 178, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 178, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 178, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 178, 115);  
box-shadow:4px 4px 4px 4px rgb(113, 178,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8250, 36.5893, 21.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 178, 115) }
```

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

```
.background{ background-color: rgb(113,  
178, 115) }
```

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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