

Converting Colors

XYZ(24.8710, 23.7701, 41.6553)

Have a look what the booklet for
XYZ(24.8710, 23.7701, 41.6553)
contains.

XYZ(25.0062, 23.8921, 41.8217)	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(25.0062, 23.8921,
41.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	8582AB
RGB	133, 130, 171
RGB Percent	52%, 51%, 67%
CMY	0.4784, 0.4902, 0.3294
CMYK	0.22, 0.24, 0.00, 0.33
HSL	244°, 20%, 59%
HSV	244°, 24%, 67%
XYZ	25.0062, 23.8921, 41.8217
YIQ	135.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

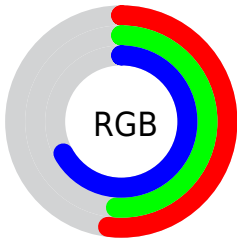
Format	Color
R_{YB}	133, 130, 171
Decimal	8749739
CIE _{Lab}	55.98, 10.13, -21.28
CIE _{LCh}	56, 23.567, 295.454
Yxy	23.8921, 0.2756, 0.2634
Android (android.graphics.Color)	4286939819 (0xFF8582AB)
YUV	135.5710, 17.4665, -2.2548
Hunter-Lab	48.8795, 5.7793, -16.5133

Details

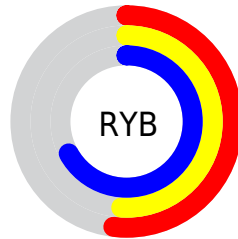
The XYZ color **25.0062, 23.8921, 41.8217** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7413, 39.0629, 26.8290**, and the grayscale version is **23.1821, 24.3894, 26.5600**.

A 20% lighter version of the original color is **51.1545, 49.9228, 78.8914**, and **9.8395, 9.0558, 18.6821** is the 20% darker color. If you saturate the color by 10%, you get **20.6017, 18.5214, 41.0176**, and if you desaturate by 10%, it is **30.1678, 30.2154, 42.7706**.

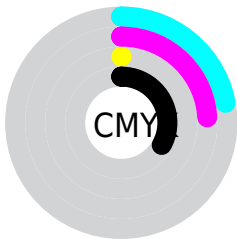
Distribution



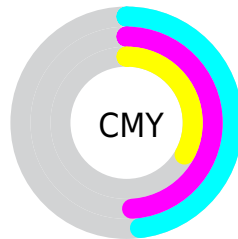
- Red (52%)
- Green (51%)
- Blue (67%)



- Red (52%)
- Yellow (51%)
- Blue (67%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0062, 23.8921, 41.8217 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 25.0062, 23.8921, 41.8217 by changing the saturation by 10% instead.

■ 25.0062, 23.8921,
41.8217

■ 25.0062, 23.8921,
41.8217

270.2159,
272.2745, 369.5211

■ 16.2104, 15.2536,
28.6372

■ 51.1101, 49.8541,
79.1969

■ 9.7650, 8.9976,
18.5633

■ 69.1489, 67.9463,
104.2246

■ 5.3045, 4.7396,
11.1816

■ 90.9995, 89.9586,
134.0372

■ 2.4636, 2.0953,
6.0734

117.0272,
116.2753, 169.0531

■ 0.8769, 0.6620,
2.8202

147.5973,
147.2809, 209.6909

■ 0.0000, 0.0000,
1.0036

183.0752,

■ 0.0000, 0.0000,

183.3597, 256.3691

0.0000

223.8263,
224.8961, 309.5064

■ 25.0062, 23.8921,
41.8217

■ 25.0062, 23.8921,
41.8217

■ 20.6017, 18.5214,
41.0176

■ 30.1678, 30.2154,
42.7706

■ 16.9166, 14.0544,
40.3496

■ 36.1174, 37.5312,
43.8691

■ 13.9131, 10.4421,
39.8107

■ 42.8869, 45.8809,
45.1239

■ 11.5493, 7.6300,
39.3924

■ 50.5059, 55.3024,
46.5409

■ 9.7786, 5.5569,
39.0856

■ 59.0024, 65.8318,
48.1255

■ 8.5479, 4.1531,
38.8795

■ 68.4032, 77.5036,
49.8829

■ 7.7947, 3.3352,
38.7614

■ 78.7338, 90.3508,
51.8182

■ 7.5096, 3.0222,
38.7160

■ 84.3508, 95.7203,
52.5585

Harmonies

Analogous

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



22.3011, 23.8921, 43.7612



25.0062, 23.8921, 41.8217



27.2433, 23.8921, 35.3560

Triad

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



25.0062, 23.8921, 41.8217



25.7714, 23.8921, 15.6172



17.9309, 23.8921, 24.8574

Complementary

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



25.0062, 23.8921, 41.8217



34.7413, 39.0629, 26.8290

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.



18.7075, 23.8921, 18.4829



25.0062, 23.8921, 41.8217



23.1213, 23.8921, 13.8610

Square

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



25.0062, 23.8921, 41.8217



27.7090, 23.8921, 20.1506



20.5565, 23.8921, 14.7961



18.3494, 23.8921, 32.9180

Rectangle

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



25.0062, 23.8921, 41.8217



28.0950, 23.8921, 29.9169



20.5565, 23.8921, 14.7961



18.0590, 23.8921, 22.4670

Sweetspot

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



25.0070, 23.8931, 41.8222



61.1731, 62.8942, 77.9175



30.6092, 35.7905, 43.8234



13.5034, 13.8553, 17.3503



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.



25.0070, 23.8931, 41.8222



40.2538, 37.2584, 74.0719



28.5151, 25.7015, 41.9864



7.6312, 7.7842, 10.0530



5.6794, 2.2877, 29.1867



0.1752, 0.0725, 0.8127

Inverse Universe

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



31.8458, 27.4513, 40.6667



54.7654, 44.8112, 71.5066



30.7634, 37.0122, 26.6428



8.3114, 8.1378, 9.9507



17.3534, 8.4039, 25.3040



0.4901, 0.2367, 0.7426

Previews

White Background



This preview shows how the XYZ color 25.0062, 23.8921, 41.8217 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 25.0062, 23.8921, 41.8217 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 25.0062, 23.8921, 41.8217

Background



This preview shows how black text looks on a background with the XYZ color 25.0062, 23.8921, 41.8217.



This preview shows how white text looks on a background with the XYZ color 25.0062, 23.8921,

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

25.0062, 23.8921, 41.8217

Protanopia

24.2425, 24.0773, 42.9048

Deuteranopia

24.5040, 24.0320, 41.8752



Tritanopia

22.6769, 23.9615, 30.2179

Trichromacy



Original Color

25.0062, 23.8921, 41.8217

Protanomaly

24.4501, 23.9931, 42.3722

Deuteranomaly

24.6729, 23.9187, 41.8444

Tritanomaly

23.4262, 23.8540, 33.9414

Monochromacy



Original Color

25.0062, 23.8921, 41.8217

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9416, 24.3710, 31.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0062, 23.8921, 41.8217 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(133, 130, 171)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 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(133, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.0062, 23.8921, 41.8217 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(133, 130, 171) }
```


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

```
.border{ border-color:rgb(133, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 171);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0062, 23.8921, 41.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 171) }
```

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

```
.background{ background-color: rgb(133,  
130, 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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