

Converting Colors

XYZ(24.0712, 23.6085, 41.8163)

Have a look what the booklet for
XYZ(24.0712, 23.6085, 41.8163)
contains.

XYZ(24.0712, 23.6085, 41.8163)	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(24.0712, 23.6085,
41.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	7E83AB
RGB	126, 131, 171
RGB Percent	49%, 51%, 67%
CMY	0.5059, 0.4863, 0.3294
CMYK	0.26, 0.23, 0.00, 0.33
HSL	233°, 21%, 58%
HSV	233°, 26%, 67%
XYZ	24.0712, 23.6085, 41.8163
YIQ	134.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

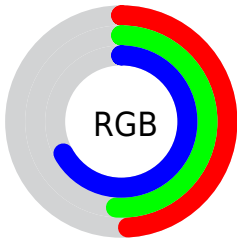
Format	Color
R_{YB}	126, 131, 171
Decimal	8291243
CIE _{Lab}	55.69, 7.32, -21.77
CIE _{LCh}	56, 22.963, 288.582
Yxy	23.6085, 0.2690, 0.2638
Android (android.graphics.Color)	4286481323 (0xFF7E83AB)
YUV	134.0650, 18.2090, -7.0730
Hunter-Lab	48.5886, 3.4004, -17.0142

Details

The XYZ color **24.0712, 23.6085, 41.8163** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.1971, 37.4370, 25.1632**, and the grayscale version is **22.6239, 23.8021, 25.9204**.

A 20% lighter version of the original color is **49.4584, 49.3557, 78.8714**, and **9.3276, 8.9030, 18.6796** is the 20% darker color. If you saturate the color by 10%, you get **19.8681, 18.6307, 41.0774**, and if you desaturate by 10%, it is **29.0064, 29.4094, 42.6763**.

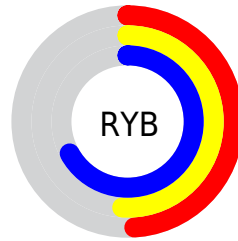
Distribution



Red (49%)

Green (51%)

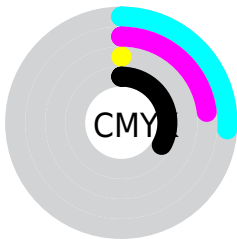
Blue (67%)



Red (49%)

Yellow (51%)

Blue (67%)

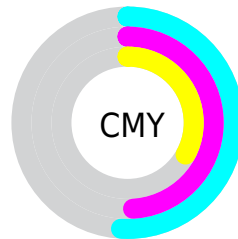


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0712, 23.6085, 41.8163 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 24.0712, 23.6085, 41.8163 by changing the saturation by 10% instead.

■ 24.0712, 23.6085,
41.8163

■ 24.0712, 23.6085,
41.8163

265.6140,
270.8352, 369.4980

■ 15.5115, 15.0435,
28.6330

■ 49.6002, 49.3906,
79.1886

■ 9.2678, 8.8499,
18.5602

■ 67.3002, 67.3764,
104.2147

■ 4.9748, 4.6434,
11.1793

■ 88.7776, 89.2713,
134.0254

■ 2.2671, 2.0396,
6.0719

114.3978,
115.4596, 169.0394

■ 0.7777, 0.6303,
2.8193

144.5262,
146.3257, 209.6751

■ 0.0000, 0.0000,
1.0031

179.5282,

■ 0.0000, 0.0000,

182.2541, 256.3511

0.0000

219.7690,
223.6291, 309.4859

■ 24.0712, 23.6085,
41.8163

■ 24.0712, 23.6085,
41.8163

■ 19.8681, 18.6307,
41.0774

■ 29.0064, 29.4094,
42.6763

■ 16.3599, 14.4359,
40.4526

■ 34.7038, 36.0654,
43.6607

■ 13.5095, 10.9848,
39.9367

■ 41.1950, 43.6104,
44.7749

■ 11.2755, 8.2338,
39.5235

■ 48.5086, 52.0755,
46.0234

■ 9.6118, 6.1342,
39.2059

■ 56.6724, 61.4902,
47.4103

■ 8.4656, 4.6316,
38.9763

■ 65.7122, 71.8830,
48.9399

■ 7.7689, 3.6594,
38.8254

■ 75.6534, 83.2808,
50.6159

■ 7.5837, 3.4061,
38.7862

■ 83.5904, 94.1996,
52.3052

■ 84.3508, 95.7203,
52.5586

Harmonies

Analogous

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



21.4634, 23.6085, 42.4604



24.0712, 23.6085, 41.8163



26.4032, 23.6085, 36.3955

Triad

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



24.0712, 23.6085, 41.8163



25.9138, 23.6085, 16.3897



17.8844, 23.6085, 22.9725

Complementary

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



24.0712, 23.6085, 41.8163



34.1971, 37.4370, 25.1632

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.



18.8931, 23.6085, 17.3453



24.0712, 23.6085, 41.8163



23.4441, 23.6085, 14.0650

Square

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



24.0712, 23.6085, 41.8163



27.5224, 23.6085, 21.4055



20.8826, 23.6085, 14.3772



18.0238, 23.6085, 30.5463

Rectangle

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



24.0712, 23.6085, 41.8163



27.4255, 23.6085, 31.3001



20.8826, 23.6085, 14.3772



18.0971, 23.6085, 20.8210

Sweetspot

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



24.0720, 23.6094, 41.8168



60.1837, 62.2960, 77.8542



30.0277, 36.3060, 41.3819



13.0741, 13.4872, 17.3019



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.



24.0720, 23.6094, 41.8168



38.2555, 36.5409, 74.0387



26.1833, 23.7248, 41.7278



7.6479, 7.8952, 10.0735



5.7374, 2.6088, 29.2457



0.1818, 0.1170, 0.8210

Inverse Universe

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



28.3528, 25.2191, 24.8471



47.3581, 40.0879, 37.9275



31.6083, 37.4782, 25.3076



8.0401, 8.0293, 8.5219



12.7596, 6.5664, 1.1138



0.3662, 0.1872, 0.0901

Previews

White Background



This preview shows how the XYZ color 24.0712, 23.6085, 41.8163 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 24.0712, 23.6085, 41.8163 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 24.0712, 23.6085, 41.8163

Background



This preview shows how black text looks on a background with the XYZ color 24.0712, 23.6085, 41.8163.



This preview shows how white text looks on a background with the XYZ color 24.0712, 23.6085,

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

24.0712, 23.6085, 41.8163

Protanopia

23.8660, 23.6920, 42.3449

Deuteranopia

24.0712, 23.6085, 41.8163



Tritanopia

21.8776, 23.7486, 30.6250

Trichromacy



Original Color

24.0712, 23.6085, 41.8163

Protanomaly

24.0098, 23.7662, 42.3516

Deuteranomaly

24.0712, 23.6085, 41.8163

Tritanomaly

22.6099, 23.6277, 34.3793

Monochromacy



Original Color

24.0712, 23.6085, 41.8163

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0141, 23.7069, 30.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0712, 23.6085, 41.8163 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(126, 131, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 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(126, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.0712, 23.6085, 41.8163 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(126, 131, 171) }
```


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

```
.border{ border-color:rgb(126, 131, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 131, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 131, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 131,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0712, 23.6085, 41.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 171) }
```

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

```
.background{ background-color: rgb(126,  
131, 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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