

Converting Colors

XYZ(24.6672, 23.7520, 43.9336)

Have a look what the booklet for
XYZ(24.6672, 23.7520, 43.9336)
contains.

XYZ(24.6226, 23.6496, 43.8245)	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(24.6226, 23.6496,
43.8245)**

Conversions

Conversions Part 1

Format	Color
Hex	8082AF
RGB	128, 130, 175
RGB Percent	50%, 51%, 69%
CMY	0.4980, 0.4902, 0.3137
CMYK	0.27, 0.26, 0.00, 0.31
HSL	237°, 23%, 59%
HSV	237°, 27%, 69%
XYZ	24.6226, 23.6496, 43.8245
YIQ	134.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

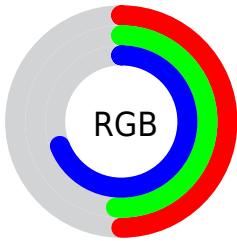
Format	Color
R_{YB}	128, 130, 175
Decimal	8422063
CIE _{Lab}	55.74, 9.54, -23.99
CIE _{LCh}	56, 25.811, 291.680
Yxy	23.6496, 0.2674, 0.2568
Android (android.graphics.Color)	4286612143 (0xFF8082AF)
YUV	134.5320, 19.9507, -5.7286
Hunter-Lab	48.6309, 5.2735, -19.3886

Details

The XYZ color **24.6226, 23.6496, 43.8245** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.5195, 40.5599, 26.3270**, and the grayscale version is **22.7894, 23.9762, 26.1101**.

A 20% lighter version of the original color is **50.6487, 49.5816, 82.5020**, and **9.5158, 8.8678, 19.6225** is the 20% darker color. If you saturate the color by 10%, you get **20.1638, 18.3080, 43.0289**, and if you desaturate by 10%, it is **29.8999, 29.9529, 44.7634**.

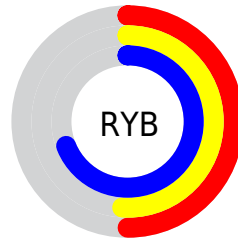
Distribution



Red (50%)

Green (51%)

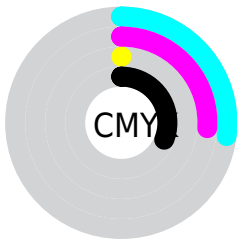
Blue (69%)



Red (50%)

Yellow (51%)

Blue (69%)

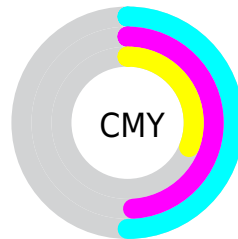


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6226, 23.6496, 43.8245 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 24.6226, 23.6496, 43.8245 by changing the saturation by 10% instead.

■ 24.6226, 23.6496,
43.8245

■ 24.6226, 23.6496,
43.8245

268.3357,
271.0442, 378.0120

■ 15.9233, 15.0739,
30.1964

■ 50.4916, 49.4578,
82.2533

■ 9.5604, 8.8713,
19.7344

■ 68.3921, 67.4591,
107.8910

■ 5.1685, 4.6573,
12.0200

■ 90.0903, 89.3710,
138.3690

■ 2.3822, 2.0476,
6.6346

115.9517,
115.5780, 174.1058

■ 0.8363, 0.6349,
3.1597

146.3416,
146.4644, 215.5199

■ 0.0000, 0.0000,
1.1767

181.6253,

■ 0.0000, 0.0000,

182.4146, 263.0300

0.0000

222.1682,
223.8131, 317.0545

■ 24.6226, 23.6496,
43.8245

■ 24.6226, 23.6496,
43.8245

■ 20.1638, 18.3080,
43.0289

■ 29.8999, 29.9529,
44.7634

■ 16.4803, 13.8783,
42.3680

■ 36.0312, 37.2590,
45.8505

■ 13.5285, 10.3102,
41.8349

■ 43.0531, 45.6099,
47.0923

■ 11.2595, 7.5478,
41.4212

■ 50.9990, 55.0446,
48.4946

■ 9.6185, 5.5281,
41.1179

■ 59.9008, 65.5998,
50.0627

■ 8.5423, 4.1794,
40.9143

■ 69.7889, 77.3108,
51.8020

■ 7.9471, 3.4113,
40.7974

■ 80.6921, 90.2110,
53.7174

■ 7.8188, 3.2569,
40.7744

■ 84.7379, 95.8752,
54.5974

Harmonies

Analogous

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



21.6735, 23.6496, 45.2229



24.6226, 23.6496, 43.8245



27.1902, 23.6496, 37.0958

Triad

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



24.6226, 23.6496, 43.8245



26.1524, 23.6496, 15.0599



17.3557, 23.6496, 23.4874

Complementary

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



24.6226, 23.6496, 43.8245



36.5195, 40.5599, 26.3270

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.



18.3447, 23.6496, 16.9920



24.6226, 23.6496, 43.8245



23.3026, 23.6496, 12.8658

Square

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



24.6226, 23.6496, 43.8245



28.1255, 23.6496, 20.2420



20.4621, 23.6496, 13.4868



17.6426, 23.6496, 32.1771

Rectangle

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



24.6226, 23.6496, 43.8245



28.2568, 23.6496, 31.1573



20.4621, 23.6496, 13.4868



17.5467, 23.6496, 21.0082

Sweetspot

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



24.6234, 23.6505, 43.8250



63.0342, 64.9481, 81.8508



31.7416, 38.2532, 45.0689



13.6318, 13.9850, 18.1252



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.6234, 23.6505, 43.8250



39.3744, 36.7006, 77.6455



27.8795, 24.9380, 43.9019



7.6052, 7.8098, 10.0593



5.6108, 2.3555, 29.2035



0.1648, 0.0829, 0.8153

Inverse Universe

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



29.4283, 26.1648, 24.6193



49.3937, 41.9903, 37.5868



32.5247, 39.0743, 26.2508



8.0185, 8.0207, 8.4085



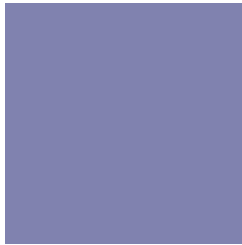
12.6957, 6.5408, 0.7772



0.3576, 0.1837, 0.0447

Previews

White Background



This preview shows how the XYZ color 24.6226, 23.6496, 43.8245 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 24.6226, 23.6496, 43.8245 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 24.6226, 23.6496, 43.8245

Background



This preview shows how black text looks on a background with the XYZ color 24.6226, 23.6496, 43.8245.



This preview shows how white text looks on a background with the XYZ color 24.6226, 23.6496,

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

24.6226, 23.6496, 43.8245

Protanopia

23.9729, 23.7021, 44.3857

Deuteranopia

24.1663, 23.6128, 43.8415



Tritanopia

21.8783, 23.5408, 30.5849

Trichromacy



Original Color

24.6226, 23.6496, 43.8245

Protanomaly

24.2650, 23.6523, 44.3607

Deuteranomaly

24.3116, 23.6877, 43.8483

Tritanomaly

22.7855, 23.4945, 35.2322

Monochromacy



Original Color

24.6226, 23.6496, 43.8245

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4083, 23.8826, 32.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6226, 23.6496, 43.8245 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(128, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(128, 130, 175)  
}
```

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(128, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 130, 175) }
```

Border

The CSS property to change the border of an element to XYZ 24.6226, 23.6496, 43.8245 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(128, 130, 175) }
```


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

```
.border{ border-color:rgb(128, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(128, 130,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6226, 23.6496, 43.8245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 130, 175) }
```

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

```
.background{ background-color: rgb(128,  
130, 175) }
```

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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