

Converting Colors

XYZ(24.8109, 23.0583, 40.6400)

Have a look what the booklet for
XYZ(24.8109, 23.0583, 40.6400)
contains.

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Color

**XYZ(24.7756, 23.0205,
40.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	887EA9
RGB	136, 126, 169
RGB Percent	53%, 49%, 66%
CMY	0.4667, 0.5059, 0.3373
CMYK	0.20, 0.25, 0.00, 0.34
HSL	254°, 20%, 58%
HSV	254°, 25%, 66%
XYZ	24.7756, 23.0205, 40.6737
YIQ	133.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

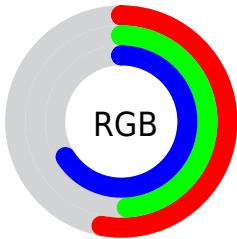
Format	Color
R_{YB}	136, 126, 169
Decimal	8945321
CIE _{Lab}	55.09, 12.96, -21.46
CIE _{LCh}	55, 25.074, 301.124
Yxy	23.0205, 0.2800, 0.2602
Android (android.graphics.Color)	4287135401 (0xFF887EA9)
YUV	133.8920, 17.3082, 1.8487
Hunter-Lab	47.9797, 8.2088, -16.6760

Details

The XYZ color **24.7756, 23.0205, 40.6737** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.2527, 37.2538, 25.2305**, and the grayscale version is **22.5615, 23.7364, 25.8490**.

A 20% lighter version of the original color is **50.8099, 48.5692, 77.2178**, and **9.6111, 8.5234, 17.9682** is the 20% darker color. If you saturate the color by 10%, you get **20.8140, 18.0371, 39.9210**, and if you desaturate by 10%, it is **29.3587, 28.8673, 41.5611**.

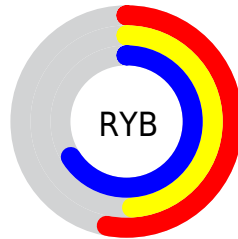
Distribution



Red (53%)

Green (49%)

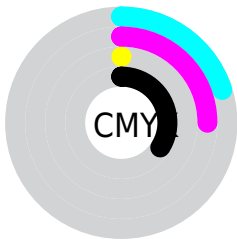
Blue (66%)



Red (53%)

Yellow (49%)

Blue (66%)

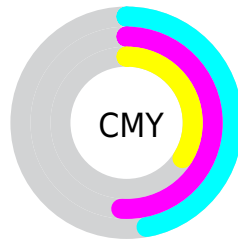


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (51%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7756, 23.0205, 40.6737 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 24.7756, 23.0205, 40.6737 by changing the saturation by 10% instead.

■ 24.7756, 23.0205,
40.6737

■ 24.7756, 23.0205,
40.6737

269.0869,
267.8303, 364.5912

■ 16.0378, 14.6086,
27.7464

■ 50.7385, 48.4270,
77.4366

■ 9.6419, 8.5452,
17.8972

■ 68.6942, 66.1904,
102.1093

■ 5.2226, 4.4457,
10.7075

■ 90.4534, 87.8398,
131.5342

■ 2.4146, 1.9259,
5.7589

116.3812,
113.7596, 166.1299

■ 0.8524, 0.5639,
2.6326

146.8431,
144.3341, 206.3149

■ 0.0000, 0.0000,
0.9092

182.2045,

■ 0.0000, 0.0000,

179.9478, 252.5078

0.0000

222.8306,
220.9851, 305.1270

■ 24.7756, 23.0205,
40.6737

■ 24.7756, 23.0205,
40.6737

■ 20.8140, 18.0371,
39.9210

■ 29.3587, 28.8673,
41.5611

■ 17.4443, 13.8730,
39.2948

■ 34.5867, 35.6133,
42.5876

■ 14.6377, 10.4843,
38.7887

■ 40.4845, 43.2955,
43.7596

■ 12.3620, 7.8219,
38.3947

■ 47.0751, 51.9482,
45.0824

■ 10.5816, 5.8308,
38.1042

■ 54.3803, 61.6038,
46.5611

■ 9.2562, 4.4480,
37.9072

■ 62.4208, 72.2931,
48.2005

■ 8.3366, 3.5945,
37.7909

■ 71.2167, 84.0459,
50.0055

■ 8.0096, 3.3018,
37.7517

■ 78.7762, 92.8684,
51.3099

■ 83.3323, 95.2171,
51.5232

Harmonies

Analogous

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



21.9858, 23.0205, 43.8043



24.7756, 23.0205, 40.6737



26.9285, 23.0205, 33.2516

Triad

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



24.7756, 23.0205, 40.6737



24.5779, 23.0205, 13.8645



16.9377, 23.0205, 25.3684

Complementary

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



24.7756, 23.0205, 40.6737



32.2527, 37.2538, 25.2305

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.



17.5060, 23.0205, 18.3468



24.7756, 23.0205, 40.6737



21.7751, 23.0205, 12.6172

Square

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



24.7756, 23.0205, 40.6737



26.8077, 23.0205, 17.9256



19.2198, 23.0205, 14.0688



17.5970, 23.0205, 33.8867

Rectangle

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



24.7756, 23.0205, 40.6737



27.6275, 23.0205, 27.5145



19.2198, 23.0205, 14.0688



16.9911, 23.0205, 22.7662

Sweetspot

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



24.7763, 23.0214, 40.6742



59.2971, 60.3552, 75.7495



28.2823, 32.3328, 42.2867



12.6207, 12.7626, 16.4504



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.7763, 23.0214, 40.6742



39.9064, 35.5949, 71.9923



28.4919, 24.9369, 40.8481



7.2890, 7.3816, 9.4590



6.0101, 2.4817, 28.1377



0.1892, 0.0826, 0.6866

Inverse Universe

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



30.0818, 25.8608, 36.2080



51.2596, 41.6773, 62.1501



28.4662, 35.3018, 25.0533



7.7662, 7.6363, 9.0859



15.2039, 7.4903, 16.4174



0.3877, 0.1893, 0.4930

Previews

White Background



This preview shows how the XYZ color 24.7756, 23.0205, 40.6737 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 24.7756, 23.0205, 40.6737 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 24.7756, 23.0205, 40.6737

Background



This preview shows how black text looks on a background with the XYZ color 24.7756, 23.0205, 40.6737.



This preview shows how white text looks on a background with the XYZ color 24.7756, 23.0205,

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

24.7756, 23.0205, 40.6737

Protanopia

23.3142, 23.0088, 42.2421

Deuteranopia

23.5223, 22.9633, 40.2384



Tritanopia

22.2841, 22.9810, 28.4606

Trichromacy



Original Color

24.7756, 23.0205, 40.6737

Protanomaly

23.8051, 23.0764, 41.7276

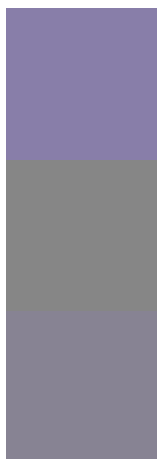
Deuteranomaly

23.9930, 23.0113, 40.2229

Tritanomaly

23.1090, 22.9214, 32.4845

Monochromacy



Original Color

24.7756, 23.0205, 40.6737

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3744, 23.4901, 30.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7756, 23.0205, 40.6737 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(136, 126, 169)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 169)  
}
```

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(136, 126, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 169) }
```

Border

The CSS property to change the border of an element to XYZ 24.7756, 23.0205, 40.6737 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(136, 126, 169) }
```


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

```
.border{ border-color:rgb(136, 126, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 169);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7756, 23.0205, 40.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 169) }
```

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

```
.background{ background-color: rgb(136,  
126, 169) }
```

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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