

Converting Colors

XYZ(25.8136, 23.5404, 39.2340)

Have a look what the booklet for
XYZ(25.8136, 23.5404, 39.2340)
contains.

XYZ(25.8454, 23.6042, 39.2703)	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(25.8454, 23.6042,
39.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	907EA6
RGB	144, 126, 166
RGB Percent	56%, 49%, 65%
CMY	0.4353, 0.5059, 0.3490
CMYK	0.13, 0.24, 0.00, 0.35
HSL	267°, 18%, 57%
HSV	267°, 24%, 65%
XYZ	25.8454, 23.6042, 39.2703
YIQ	135.9420, -2.1120, 16.2560

Conversions

Conversions Part 2

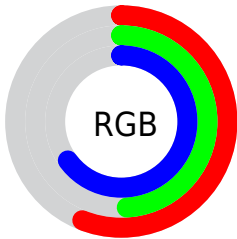
Format	Color
RYB	144, 126, 166
Decimal	9469606
CIELab	55.69, 14.92, -18.76
CIELCh	56, 23.973, 308.503
Yxy	23.6042, 0.2913, 0.2661
Android (android.graphics.Color)	4287659686 (0xFF907EA6)
YUV	135.9420, 14.8186, 7.0669
Hunter-Lab	48.5842, 9.9347, -13.9149

Details

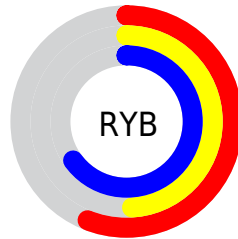
The XYZ color **25.8454, 23.6042, 39.2703** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.6157, 35.0753, 24.9491**, and the grayscale version is **23.3276, 24.5424, 26.7267**.

A 20% lighter version of the original color is **52.4599, 49.4664, 75.1896**, and **10.2053, 8.8498, 17.0899** is the 20% darker color. If you saturate the color by 10%, you get **22.3657, 18.9169, 38.5493**, and if you desaturate by 10%, it is **29.8078, 29.0644, 40.1158**.

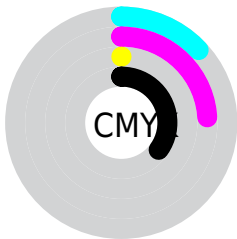
Distribution



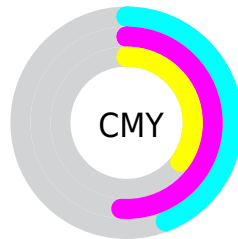
- Red (56%)
- Green (49%)
- Blue (65%)



- Red (56%)
- Yellow (49%)
- Blue (65%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8454, 23.6042, 39.2703 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 25.8454, 23.6042, 39.2703 by changing the saturation by 10% instead.

■ 25.8454, 23.6042,
39.2703

■ 25.8454, 23.6042,
39.2703

274.2930,
270.8133, 358.4985

■ 16.8401, 15.0403,
26.6606

■ 52.4585, 49.3835,
75.2759

■ 10.2151, 8.8477,
17.0883

■ 70.7970, 67.3677,
99.5090

■ 5.6052, 4.6419,
10.1349

■ 92.9773, 89.2608,
128.4536

■ 2.6449, 2.0388,
5.3817

119.3648,
115.4472, 162.5283

■ 0.9689, 0.6298,
2.4103

150.3247,
146.3112, 202.1516

■ 0.0000, 0.0000,
0.7920

186.2225,

■ 0.0000, 0.0000,

182.2373, 247.7420

0.0000

227.4234,
223.6099, 299.7182

■ 25.8454, 23.6042,
39.2703

■ 25.8454, 23.6042,
39.2703

■ 22.3657, 18.9169,
38.5493

■ 29.8078, 29.0644,
40.1158

■ 19.3461, 14.9633,
37.9454

■ 34.2698, 35.3284,
41.0897

■ 16.7653, 11.7051,
37.4525

■ 39.2501, 42.4290,
42.1977

■ 14.5994, 9.0991,
37.0636

■ 44.7658, 50.3962,
43.4448

■ 12.8218, 7.0973,
36.7709

■ 50.8331, 59.2585,
44.8357

■ 11.4023, 5.6447,
36.5654

■ 57.4676, 69.0432,
46.3746

■ 10.3052, 4.6754,
36.4361

■ 64.6841, 79.7763,
48.0660

■ 9.7610, 4.2369,
36.3801

■ 71.2714, 89.0317,
49.5052

■ 74.0618, 90.4702,
49.6358

Harmonies

Analogous

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



23.2160, 23.6042, 43.5097



25.8454, 23.6042, 39.2703



27.6527, 23.6042, 31.5799

Triad

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



25.8454, 23.6042, 39.2703



24.4035, 23.6042, 14.1467



17.6569, 23.6042, 27.9761

Complementary

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



25.8454, 23.6042, 39.2703



29.6157, 35.0753, 24.9491

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.



17.9189, 23.6042, 20.6011



25.8454, 23.6042, 39.2703



21.6718, 23.6042, 13.5665

Square

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



25.8454, 23.6042, 39.2703



26.7746, 23.6042, 17.4699



19.3388, 23.6042, 15.6843



18.5918, 23.6042, 36.1804

Rectangle

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



25.8454, 23.6042, 39.2703



28.0703, 23.6042, 26.0937



19.3388, 23.6042, 15.6843



17.6095, 23.6042, 25.3122

Sweetspot

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



25.8461, 23.6052, 39.2708



59.6398, 60.5085, 74.0112



26.1828, 28.5792, 40.2132



13.2425, 13.3946, 16.5396



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.



25.8461, 23.6052, 39.2708



43.3630, 38.0392, 70.5321



29.5171, 25.4976, 39.4426



7.4403, 7.4596, 9.4660



7.6215, 3.3125, 28.2132



0.2448, 0.1112, 0.6892

Inverse Universe

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



28.5328, 25.1678, 31.3721



49.2062, 41.4401, 53.2456



26.4057, 33.4205, 24.7989



7.6973, 7.6088, 8.7230



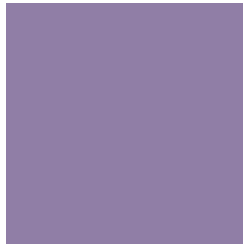
13.6929, 6.8859, 8.4605



0.3584, 0.1776, 0.3387

Previews

White Background



This preview shows how the XYZ color 25.8454, 23.6042, 39.2703 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 25.8454, 23.6042, 39.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

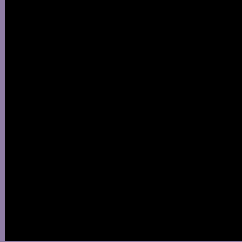
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8454, 23.6042, 39.2703

Background



This preview shows how black text looks on a background with the XYZ color 25.8454, 23.6042, 39.2703.



This preview shows how white text looks on a background with the XYZ color 25.8454, 23.6042,

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

25.8454, 23.6042, 39.2703

Protanopia

23.8191, 23.6899, 41.3474

Deuteranopia

24.1138, 23.6950, 38.9000



Tritanopia

23.7392, 23.7311, 28.5287

Trichromacy



Original Color

25.8454, 23.6042, 39.2703

Protanomaly

24.5041, 23.6551, 40.8105

Deuteranomaly

24.6335, 23.5680, 38.8481

Tritanomaly

24.3398, 23.5652, 32.1199

Monochromacy



Original Color

25.8454, 23.6042, 39.2703

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1652, 24.0981, 30.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8454, 23.6042, 39.2703 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(144, 126, 166)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 166)  
}
```

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(144, 126, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.8454, 23.6042, 39.2703 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(144, 126, 166) }
```


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

```
.border{ border-color:rgb(144, 126, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 126, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 166);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8454, 23.6042, 39.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 166) }
```

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

```
.background{ background-color: rgb(144,  
126, 166) }
```

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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