

Converting Colors

XYZ(25.3953, 22.5087, 36.2638)

Have a look what the booklet for
XYZ(25.3953, 22.5087, 36.2638)
contains.

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Color

**XYZ(25.3953, 22.5087,
36.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	9479A0
RGB	148, 121, 160
RGB Percent	58%, 47%, 63%
CMY	0.4196, 0.5255, 0.3725
CMYK	0.07, 0.24, 0.00, 0.37
HSL	282°, 17%, 55%
HSV	282°, 24%, 63%
XYZ	25.3953, 22.5087, 36.2638
YIQ	133.5190, 3.5730, 17.8530

Conversions

Conversions Part 2

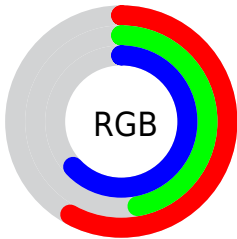
Format	Color
R _Y B	148, 121, 160
Decimal	9730464
CIE _{Lab}	54.56, 17.89, -16.97
CIE _{LCh}	55, 24.661, 316.505
Yxy	22.5087, 0.3017, 0.2674
Android (android.graphics.Color)	4287920544 (0xFF9479A0)
YUV	133.5190, 13.0551, 12.6998
Hunter-Lab	47.4433, 12.5210, -12.1086

Details

The XYZ color **25.3953, 22.5087, 36.2638** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.6955, 31.5091, 22.8178**, and the grayscale version is **22.4371, 23.6056, 25.7065**.

A 20% lighter version of the original color is **51.7589, 47.7350, 70.7758**, and **9.9539, 8.2588, 15.2568** is the 20% darker color. If you saturate the color by 10%, you get **22.7384, 18.4885, 35.6282**, and if you desaturate by 10%, it is **28.4140, 27.1953, 37.0096**.

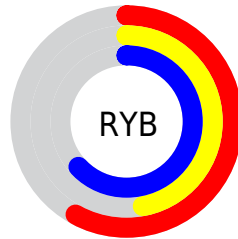
Distribution



Red (58%)

Green (47%)

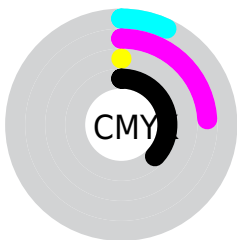
Blue (63%)



Red (58%)

Yellow (47%)

Blue (63%)

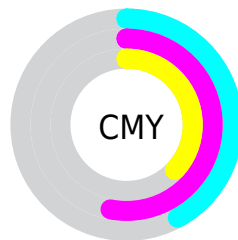


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3953, 22.5087, 36.2638 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 25.3953, 22.5087, 36.2638 by changing the saturation by 10% instead.

■ 25.3953, 22.5087,
36.2638

■ 25.3953, 22.5087,
36.2638

272.1123,
265.1914, 345.1843

■ 16.5021, 14.2312,
24.3467

■ 51.7361, 47.5853,
70.6127

■ 9.9732, 8.2816,
15.3764

■ 69.9144, 65.1532,
93.8815

■ 5.4434, 4.2757,
8.9344

■ 91.9184, 86.5867,
121.7713

■ 2.5471, 1.8289,
4.6022

118.1136,
112.2701, 154.7007

■ 0.9191, 0.5051,
1.9612

148.8652,
142.5879, 193.0881

■ 0.0000, 0.0000,
0.5313

184.5386,

■ 0.0000, 0.0000,

177.9245, 237.3522

0.0000

225.4992,
218.6642, 287.9114

■ 25.3953, 22.5087,
36.2638

■ 25.3953, 22.5087,
36.2638

■ 22.7384, 18.4885,
35.6282

■ 28.4140, 27.1953,
37.0096

■ 20.4248, 15.0999,
35.0961

■ 31.8076, 32.5753,
37.8692

■ 18.4376, 12.3091,
34.6621

■ 35.5912, 38.6776,
38.8477

■ 16.7572, 10.0779,
34.3200

■ 39.7782, 45.5287,
39.9494

■ 15.3620, 8.3637,
34.0627

■ 44.3817, 53.1536,
41.1785

■ 14.2272, 7.1175,
33.8820

■ 49.4137, 61.5763,
42.5390

■ 13.3227, 6.2802,
33.7680

■ 54.8861, 70.8195,
44.0347

■ 12.8719, 5.9027,
33.7189

■ 60.8101, 80.9053,
45.6693

■ 63.9218, 85.3049,
46.3545

Harmonies

Analogous

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



22.9066, 22.5087, 41.7546



25.3953, 22.5087, 36.2638



26.8635, 22.5087, 28.1531

Triad

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



25.3953, 22.5087, 36.2638



22.6313, 22.5087, 12.6849



16.7822, 22.5087, 28.9907

Complementary

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



25.3953, 22.5087, 36.2638



25.6955, 31.5091, 22.8178

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.



16.7221, 22.5087, 21.1922



25.3953, 22.5087, 36.2638



19.9492, 22.5087, 12.8160

Square

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



25.3953, 22.5087, 36.2638



25.1792, 22.5087, 15.2085



17.8365, 22.5087, 15.6148



18.0082, 22.5087, 36.9873

Rectangle

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



25.3953, 22.5087, 36.2638



26.9919, 22.5087, 22.8582



17.8365, 22.5087, 15.6148



16.6288, 22.5087, 26.2356

Sweetspot

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



25.3960, 22.5097, 36.2643



55.9816, 56.3202, 68.3069



22.6667, 23.4750, 36.5945



12.2034, 12.2338, 14.9618



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.3960, 22.5097, 36.2643



43.5292, 36.9373, 65.2219



27.0726, 23.4442, 33.1709



6.7054, 6.6521, 8.3373



10.0733, 4.6220, 26.2684



0.2211, 0.1037, 0.4716

Inverse Universe

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



25.5689, 22.8427, 25.2526



43.9712, 37.6891, 41.5741



24.3629, 30.7696, 25.1299



6.7129, 6.6781, 7.3393



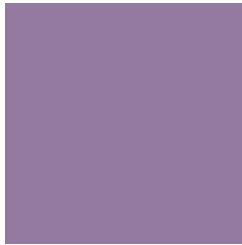
11.7466, 6.0032, 2.9164



0.2277, 0.1144, 0.1453

Previews

White Background



This preview shows how the XYZ color 25.3953, 22.5087, 36.2638 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 25.3953, 22.5087, 36.2638 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 25.3953, 22.5087, 36.2638

Background



This preview shows how black text looks on a background with the XYZ color 25.3953, 22.5087, 36.2638.



This preview shows how white text looks on a background with the XYZ color 25.3953, 22.5087,

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

25.3953, 22.5087, 36.2638

Protanopia

22.7592, 22.5913, 39.2374

Deuteranopia

23.0304, 22.6087, 35.9510



Tritanopia

23.3356, 22.6003, 26.0540

Trichromacy



Original Color

25.3953, 22.5087, 36.2638

Protanomaly

23.5218, 22.4273, 38.2111

Deuteranomaly

23.7450, 22.4047, 35.8739

Tritanomaly

23.9187, 22.4487, 29.4579

Monochromacy



Original Color

25.3953, 22.5087, 36.2638

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4556, 23.1727, 29.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3953, 22.5087, 36.2638 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(148, 121, 160)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 160)  
}
```

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(148, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.3953, 22.5087, 36.2638 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(148, 121, 160) }
```


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

```
.border{ border-color:rgb(148, 121, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 160);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3953, 22.5087, 36.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 160) }
```

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

```
.background{ background-color: rgb(148,  
121, 160) }
```

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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