

Converting Colors

XYZ(25.8306, 21.0483, 49.8433)

Have a look what the booklet for
XYZ(25.8306, 21.0483, 49.8433)
contains.

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Color

**XYZ(25.8593, 21.0608,
49.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	8D71BB
RGB	141, 113, 187
RGB Percent	55%, 44%, 73%
CMY	0.4470, 0.5569, 0.2667
CMYK	0.25, 0.40, 0.00, 0.27
HSL	263°, 35%, 59%
HSV	263°, 40%, 73%
XYZ	25.8593, 21.0608, 49.7159
YIQ	129.8080, -7.0660, 28.9500

Conversions

Conversions Part 2

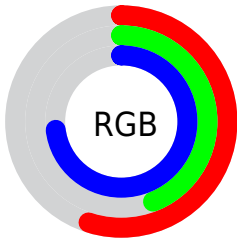
Format	Color
R _Y B	141, 113, 187
Decimal	9269691
CIE Lab	53.02, 26.51, -35.01
CIE LCh	53, 43.915, 307.126
Yxy	21.0608, 0.2676, 0.2179
Android (android.graphics.Color)	4287459771 (0xFF8D71BB)
YUV	129.8080, 28.1957, 9.8154
Hunter-Lab	45.8920, 20.2703, -32.1058

Details

The XYZ color **25.8593, 21.0608, 49.7159** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **35.0494, 44.1042, 22.2892**, and the grayscale version is **21.0563, 22.1529, 24.1245**.

A 20% lighter version of the original color is **52.3977, 45.1171, 90.7408**, and **10.2438, 7.5979, 23.1169** is the 20% darker color. If you saturate the color by 10%, you get **22.1102, 16.3440, 49.0034**, and if you desaturate by 10%, it is **30.2472, 26.7459, 50.5823**.

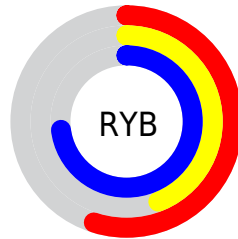
Distribution



Red (55%)

Green (44%)

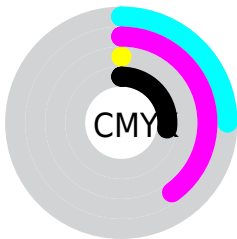
Blue (73%)



Red (55%)

Yellow (44%)

Blue (73%)

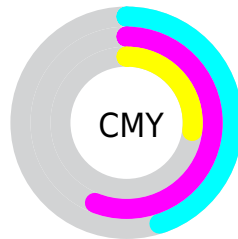


Cyan (25%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8593, 21.0608, 49.7159 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 25.8593, 21.0608, 49.7159 by changing the saturation by 10% instead.

■ 25.8593, 21.0608,
49.7159

■ 25.8593, 21.0608,
49.7159

274.3601,
257.6014, 402.2571

■ 16.8505, 13.1685,
34.8181

■ 52.4808, 45.1887,
91.1458

■ 10.2226, 7.5446,
23.2404

■ 70.8242, 62.1930,
118.5149

■ 5.6102, 3.8050,
14.5641

■ 93.0100, 83.0035,
150.8783

■ 2.6479, 1.5651,
8.3708

■ 119.4033,
108.0045, 188.6544

■ 0.9704, 0.3339,
4.2420

150.3696,
137.5804, 232.2618

■ 0.0000, 0.0000,
1.7590

186.2743,

■ 0.0000, 0.0000,

172.1156, 282.1190

0.4007

227.4827,
211.9945, 338.6446

■ 0.0000, 0.0000,
0.0000

■ 25.8593, 21.0608,
49.7159

■ 25.8593, 21.0608,
49.7159

■ 22.1102, 16.3440,
49.0034

■ 30.2472, 26.7459,
50.5823

■ 18.9647, 12.5365,
48.4343

■ 35.3021, 33.4485,
51.6096

■ 16.3873, 9.5766,
47.9988

■ 41.0530, 41.2176,
52.8061

■ 14.3375, 7.3936,
47.6855

■ 47.5267, 50.0979,
54.1790

■ 12.7680, 5.9044,
47.4808

■ 54.7482, 60.1320,
55.7351

■ 11.5959, 4.9547,
47.3592

■ 62.7415, 71.3597,
57.4810

■ 11.5506, 4.9184,
47.3546

■ 71.5293, 83.8192,
59.4228

■ 78.6600, 92.5996,
60.7417

■ 82.6026, 94.6321,
60.9262

Harmonies

Analogous

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



21.1376, 21.0608, 58.4771



25.8593, 21.0608, 49.7159



29.3471, 21.0608, 34.2843

Triad

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



25.8593, 21.0608, 49.7159



23.6652, 21.0608, 6.5917



12.4466, 21.0608, 26.2274

Complementary

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



25.8593, 21.0608, 49.7159



35.0494, 44.1042, 22.2892

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.



12.9102, 21.0608, 14.4106



25.8593, 21.0608, 49.7159



18.9380, 21.0608, 5.8381

Square

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



25.8593, 21.0608, 49.7159



27.9506, 21.0608, 10.7675



15.1295, 21.0608, 8.0608



13.7486, 21.0608, 41.9226

Rectangle

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



25.8593, 21.0608, 49.7159



30.2413, 21.0608, 24.2285



15.1295, 21.0608, 8.0608



12.4049, 21.0608, 21.6818

Sweetspot

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



25.8601, 21.0616, 49.7164



70.7004, 69.9810, 93.9828



28.3280, 32.1946, 51.7352



15.2663, 15.0003, 20.6333



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.8601, 21.0616, 49.7164



40.7333, 30.6781, 87.9760



33.0372, 24.7616, 50.0523



9.3485, 9.3965, 11.9932



8.0330, 3.4272, 32.6310



0.3879, 0.1720, 1.2816

Inverse Universe

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



32.6571, 24.8789, 35.8820



54.8026, 38.5938, 58.6958



28.9009, 40.9345, 22.0014



9.7727, 9.6334, 11.1922



16.3379, 8.1663, 12.3390



0.6708, 0.3322, 0.6458

Previews

White Background



This preview shows how the XYZ color 25.8593, 21.0608, 49.7159 looks on a white background.

Color Contrast Check

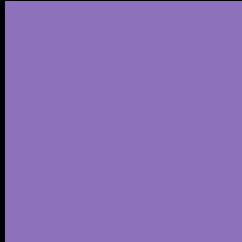
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8593, 21.0608, 49.7159 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 25.8593, 21.0608, 49.7159

Background



This preview shows how black text looks on a background with the XYZ color 25.8593, 21.0608, 49.7159.



This preview shows how white text looks on a background with the XYZ color 25.8593, 21.0608,

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

25.8593, 21.0608, 49.7159

Protanopia

22.5412, 21.1558, 55.7188

Deuteranopia

21.7061, 21.2660, 48.3081



Tritanopia

20.8708, 20.9618, 25.5003

Trichromacy



Original Color

25.8593, 21.0608, 49.7159

Protanomaly

23.4123, 20.9280, 53.2576

Deuteranomaly

22.9304, 20.9594, 48.7360

Tritanomaly

22.4579, 20.8837, 32.9843

Monochromacy



Original Color

25.8593, 21.0608, 49.7159

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6251, 21.7180, 32.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8593, 21.0608, 49.7159 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(141, 113, 187)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 187)  
}
```

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(141, 113, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.8593, 21.0608, 49.7159 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(141, 113, 187) }
```


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

```
.border{ border-color:rgb(141, 113, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 187);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8593, 21.0608, 49.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 187) }
```

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

```
.background{ background-color: rgb(141,  
113, 187) }
```

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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