

Converting Colors

XYZ(25.3825, 20.2069, 29.4141)

Have a look what the booklet for
XYZ(25.3825, 20.2069, 29.4141)
contains.

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Color

**XYZ(25.3691, 20.1389,
29.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	A36A91
RGB	163, 106, 145
RGB Percent	64%, 42%, 57%
CMY	0.3608, 0.5843, 0.4314
CMYK	0.00, 0.35, 0.11, 0.36
HSL	319°, 24%, 53%
HSV	319°, 35%, 64%
XYZ	25.3691, 20.1389, 29.3382
YIQ	127.4890, 21.4530, 24.2130

Conversions

Conversions Part 2

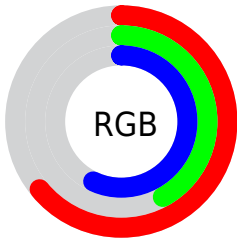
Format	Color
R_{YB}	163, 106, 145
Decimal	10709649
CIE _{Lab}	51.99, 28.85, -11.95
CIE _{LCh}	52, 31.227, 337.506
Yxy	20.1389, 0.3389, 0.2691
Android (android.graphics.Color)	4288899729 (0xFFA36A91)
YUV	127.4890, 8.6329, 31.1431
Hunter-Lab	44.8764, 22.3743, -7.3477

Details

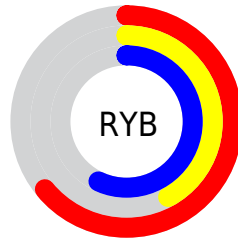
The XYZ color **25.3691, 20.1389, 29.3382** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6799, 30.7143, 23.8031**, and the grayscale version is **20.3076, 21.3651, 23.2666**.

A 20% lighter version of the original color is **51.7491, 43.6373, 59.7282**, and **9.9591, 7.0675, 11.6657** is the 20% darker color. If you saturate the color by 10%, you get **23.4584, 16.9382, 26.7872**, and if you desaturate by 10%, it is **27.6183, 23.9872, 32.0912**.

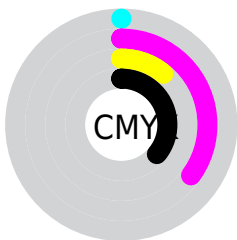
Distribution



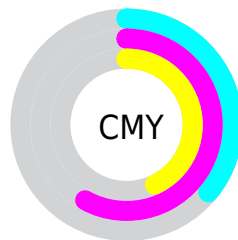
- Red (64%)
- Green (42%)
- Blue (57%)



- Red (64%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (36%)





- Cyan (36%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3691, 20.1389, 29.3382 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 25.3691, 20.1389, 29.3382 by changing the saturation by 10% instead.


 25.3691, 20.1389,
29.3382


 25.3691, 20.1389,
29.3382


271.9850,
252.6661, 312.9181

 16.4825, 12.4961,
19.0890

 51.6940, 43.6499,
59.6626


 9.9592, 7.0825,
11.5572


 69.8629, 60.2869,
80.5749

 5.4340, 3.5137,
6.3241

 91.8567, 80.6907,
105.8786

 2.5414, 1.4055,
2.9712

 118.0406,
105.2458, 135.9923

 0.9162, 0.2207,
1.0799

148.7800,
134.3364, 171.3346

 0.0000, 0.0000,
0.0000

184.4403,

168.3471, 212.3240

225.3869,
207.6622, 259.3789

■ 25.3691, 20.1389,
29.3382

■ 25.3691, 20.1389,
29.3382

■ 23.4584, 16.9382,
26.7872

■ 27.6183, 23.9872,
32.0912

■ 21.8660, 14.3459,
24.4297

■ 30.2211, 28.5139,
35.0518

■ 20.5723, 12.3230,
22.2581

■ 33.1938, 33.7510,
38.2267

■ 19.5546, 10.8246,
20.2638

■ 36.5514, 39.7278,
41.6219

■ 18.7871, 9.7990,
18.4368

■ 40.3077, 46.4719,
45.2433

■ 18.2372, 9.1822,
16.7650

■ 44.4760, 54.0094,
49.0962

■ 18.0026, 8.9459,
15.9686

■ 49.0690, 62.3654,
53.1860

■ 54.0987, 71.5635,
57.5177

■ 59.5767, 81.6268,
62.0961

Harmonies

Analogous

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



23.1135, 20.1389, 38.9726



25.3691, 20.1389, 29.3382



25.8708, 20.1389, 19.7176

Triad

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



25.3691, 20.1389, 29.3382



18.3532, 20.1389, 8.7393



14.6864, 20.1389, 34.4202

Complementary

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



25.3691, 20.1389, 29.3382



22.6799, 30.7143, 23.8031

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.



13.6936, 20.1389, 24.2974



25.3691, 20.1389, 29.3382



15.6527, 20.1389, 10.7577

Square

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



25.3691, 20.1389, 29.3382



21.5790, 20.1389, 9.3957



14.0267, 20.1389, 15.8839



16.8947, 20.1389, 42.4286

Rectangle

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



25.3691, 20.1389, 29.3382



25.0972, 20.1389, 14.7899



14.0267, 20.1389, 15.8839



14.2113, 20.1389, 31.0570

Sweetspot

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



25.3697, 20.1398, 29.3386



56.5846, 55.3886, 65.4448



19.9485, 17.1718, 36.9137



12.5505, 12.1617, 14.5288



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3697, 20.1398, 29.3386



42.7109, 31.4938, 48.9432



23.4935, 19.3893, 19.4585



7.2687, 7.1639, 8.4012



14.0124, 6.9610, 12.5220



0.3143, 0.1542, 0.3679

Inverse Universe

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



25.3697, 20.1398, 29.3386



42.7109, 31.4938, 48.9432



24.6765, 31.5130, 34.3168



7.2687, 7.1639, 8.4012



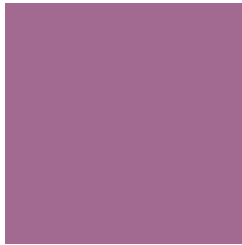
14.0124, 6.9610, 12.5220



0.3143, 0.1542, 0.3679

Previews

White Background



This preview shows how the XYZ color 25.3691, 20.1389, 29.3382 looks on a white background.

Color Contrast Check

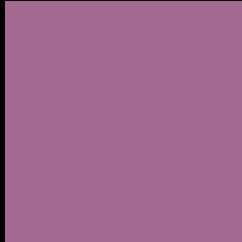
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3691, 20.1389, 29.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

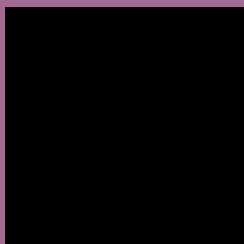
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3691, 20.1389, 29.3382

Background



This preview shows how black text looks on a background with the XYZ color 25.3691, 20.1389, 29.3382.



This preview shows how white text looks on a background with the XYZ color 25.3691, 20.1389,

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

25.3691, 20.1389, 29.3382

Protanopia

20.3712, 20.3132, 34.7455

Deuteranopia

20.6219, 20.2169, 28.4065



Tritanopia

23.5114, 20.1744, 20.1076

Trichromacy



Original Color

25.3691, 20.1389, 29.3382

Protanomaly

21.7839, 20.0090, 32.8510

Deuteranomaly

22.1878, 20.1367, 28.7039

Tritanomaly

24.0629, 20.0729, 23.0283

Monochromacy



Original Color

25.3691, 20.1389, 29.3382

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.7151, 20.4903, 25.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3691, 20.1389, 29.3382 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(163, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(163, 106, 145)  
}
```

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(163, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 106, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.3691, 20.1389, 29.3382 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(163, 106, 145) }
```


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

```
.border{ border-color:rgb(163, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 106, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 106, 145); box-shadow:4px 4px 4px 4px rgb(163, 106, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3691, 20.1389, 29.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 106, 145) }
```

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

```
.background{ background-color: rgb(163,  
106, 145) }
```

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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