

Converting Colors

XYZ(25.9286, 20.7550, 38.5958)

Have a look what the booklet for
XYZ(25.9286, 20.7550, 38.5958)
contains.

XYZ(25.8691, 20.6590, 38.7005)	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(25.8691, 20.6590,
38.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6DA6
RGB	155, 109, 166
RGB Percent	61%, 43%, 65%
CMY	0.3922, 0.5725, 0.3490
CMYK	0.07, 0.34, 0.00, 0.35
HSL	288°, 24%, 54%
HSV	288°, 34%, 65%
XYZ	25.8691, 20.6590, 38.7005
YIQ	129.2520, 9.1190, 27.4790

Conversions

Conversions Part 2

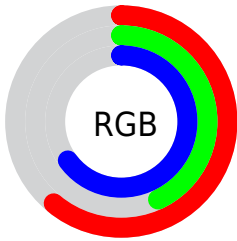
Format	Color
R_{YB}	155, 109, 166
Decimal	10186150
CIE _{Lab}	52.57, 28.45, -23.44
CIE _{LCh}	53, 36.863, 320.516
Yxy	20.6590, 0.3035, 0.2424
Android (android.graphics.Color)	4288376230 (0xFF9B6DA6)
YUV	129.2520, 18.1168, 22.5810
Hunter-Lab	45.4522, 22.0520, -18.6663

Details

The XYZ color **25.8691, 20.6590, 38.7005** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1430, 32.3701, 19.4446**, and the grayscale version is **20.8913, 21.9793, 23.9355**.

A 20% lighter version of the original color is **52.3744, 44.4118, 74.2185**, and **10.2466, 7.3302, 16.7944** is the 20% darker color. If you saturate the color by 10%, you get **23.6562, 17.1335, 38.1369**, and if you desaturate by 10%, it is **28.4341, 24.8636, 39.3772**.

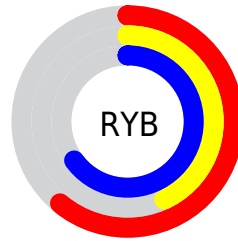
Distribution



Red (61%)

Green (43%)

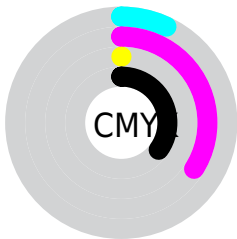
Blue (65%)



Red (61%)

Yellow (43%)

Blue (65%)

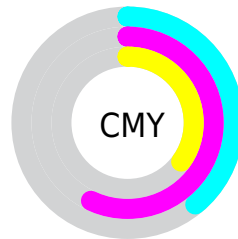


Cyan (7%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (39%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8691, 20.6590, 38.7005 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 25.8691, 20.6590, 38.7005 by changing the saturation by 10% instead.

■ 25.8691, 20.6590,
38.7005

■ 25.8691, 20.6590,
38.7005

274.4074,
255.4607, 356.0033

■ 16.8579, 12.8750,
26.2208

■ 52.4965, 44.5193,
74.3959

■ 10.2279, 7.3425,
16.7616

■ 70.8434, 61.3644,
98.4486

■ 5.6138, 3.6772,
9.9045

■ 93.0330, 81.9986,
127.1960

■ 2.6501, 1.4947,
5.2309

■ 119.4305,
106.8064, 161.0568

■ 0.9715, 0.2850,
2.3223

150.4013,
136.1721, 200.4493

■ 0.0000, 0.0000,
0.7437

186.3109,

■ 0.0000, 0.0000,

170.4801, 245.7922

0.0000

227.5244,
210.1148, 297.5041

■ 25.8691, 20.6590,
38.7005

■ 25.8691, 20.6590,
38.7005

■ 23.6562, 17.1335,
38.1369

■ 28.4341, 24.8636,
39.3772

■ 21.7744, 14.2465,
37.6789

■ 31.3666, 29.7794,
40.1715

■ 20.2034, 11.9573,
37.3198

■ 34.6838, 35.4397,
41.0892

■ 18.9199, 10.2196,
37.0521

■ 38.4008, 41.8751,
42.1354

■ 17.8971, 8.9797,
36.8666

■ 42.5321, 49.1142,
43.3150

■ 17.1027, 8.1731,
36.7528

■ 47.0915, 57.1842,
44.6323

■ 16.7090, 7.8187,
36.7052

■ 52.0920, 66.1111,
46.0919

■ 57.5461, 75.9198,
47.6977

■ 62.3701, 84.4429,
49.0885

Harmonies

Analogous

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



22.3246, 20.6590, 48.5141



25.8691, 20.6590, 38.7005



27.8098, 20.6590, 26.1423

Triad

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



25.8691, 20.6590, 38.7005



20.8714, 20.6590, 7.4694



13.5275, 20.6590, 30.7029

Complementary

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



25.8691, 20.6590, 38.7005



24.1430, 32.3701, 19.4446

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.



13.2444, 20.6590, 19.2022



25.8691, 20.6590, 38.7005



17.1720, 20.6590, 7.9827

Square

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



25.8691, 20.6590, 38.7005



24.6875, 20.6590, 9.8497



14.4940, 20.6590, 11.5925



15.3250, 20.6590, 42.9538

Rectangle

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



25.8691, 20.6590, 38.7005



27.7809, 20.6590, 18.8686



14.4940, 20.6590, 11.5925



13.2621, 20.6590, 26.5566

Sweetspot

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



25.8698, 20.6599, 38.7009



59.3390, 58.1421, 73.5703



19.9551, 19.5347, 38.7955



13.1001, 12.7067, 16.4143



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.



25.8698, 20.6599, 38.7009



43.9085, 32.6288, 69.4590



26.6120, 21.2119, 31.0842



7.6979, 7.5924, 9.4781



12.9943, 6.0823, 28.4646



0.3515, 0.1662, 0.6942

Inverse Universe

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



24.5854, 20.4012, 20.4123



41.3582, 32.1665, 30.8301



23.7159, 32.0331, 24.7064



7.5881, 7.5651, 8.1481



12.4108, 6.3730, 1.7089



0.3183, 0.1616, 0.1275

Previews

White Background



This preview shows how the XYZ color 25.8691, 20.6590, 38.7005 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 25.8691, 20.6590, 38.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

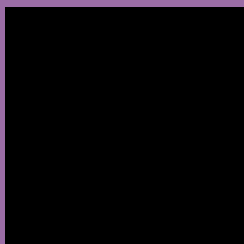
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8691, 20.6590, 38.7005

Background



This preview shows how black text looks on a background with the XYZ color 25.8691, 20.6590, 38.7005.



This preview shows how white text looks on a background with the XYZ color 25.8691, 20.6590,

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

25.8691, 20.6590, 38.7005

Protanopia

21.4501, 20.8408, 44.4871

Deuteranopia

21.2897, 20.9112, 37.5645



Tritanopia

22.5216, 20.6185, 22.5314

Trichromacy



Original Color

25.8691, 20.6590, 38.7005

Protanomaly

22.7438, 20.6464, 42.3216

Deuteranomaly

22.6577, 20.6993, 37.9231

Tritanomaly

23.5875, 20.5370, 27.9201

Monochromacy



Original Color

25.8691, 20.6590, 38.7005

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3233, 21.2753, 28.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8691, 20.6590, 38.7005 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(155, 109, 166)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 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(155, 109, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.8691, 20.6590, 38.7005 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(155, 109, 166) }
```


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

```
.border{ border-color:rgb(155, 109, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 109, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 109, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 109, 166);  
box-shadow:4px 4px 4px 4px rgb(155, 109,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8691, 20.6590, 38.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 166) }
```

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

```
.background{ background-color: rgb(155,  
109, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor