

Converting Colors

XYZ(25.1363, 20.2608, 32.2947)

Have a look what the booklet for
XYZ(25.1363, 20.2608, 32.2947)
contains.

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Color

**XYZ(25.1306, 20.2612,
32.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6C98
RGB	158, 108, 152
RGB Percent	62%, 42%, 60%
CMY	0.3804, 0.5765, 0.4039
CMYK	0.00, 0.32, 0.04, 0.38
HSL	307°, 20%, 52%
HSV	307°, 32%, 62%
XYZ	25.1306, 20.2612, 32.2920
YIQ	127.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

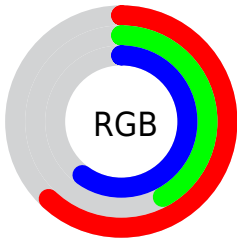
Format	Color
R _Y B	158, 108, 152
Decimal	10382488
CIE Lab	52.13, 27.25, -15.91
CIE LCh	52, 31.551, 329.722
Yxy	20.2612, 0.3235, 0.2608
Android (android.graphics.Color)	4288572568 (0xFF9E6C98)
YUV	127.9660, 11.8488, 26.3398
Hunter-Lab	45.0124, 20.8854, -11.0260

Details

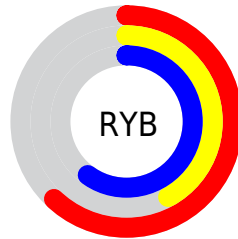
The XYZ color **25.1306, 20.2612, 32.2920** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.4493, 28.8574, 20.3603**, and the grayscale version is **20.4630, 21.5286, 23.4447**.

A 20% lighter version of the original color is **51.1520, 43.7440, 64.1399**, and **9.8568, 7.1317, 13.1690** is the 20% darker color. If you saturate the color by 10%, you get **23.4590, 17.1642, 30.9748**, and if you desaturate by 10%, it is **27.1080, 23.9650, 33.7238**.

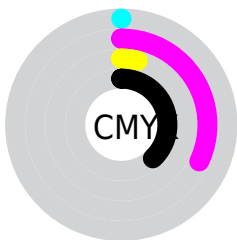
Distribution



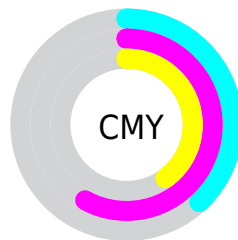
- Red (62%)
- Green (42%)
- Blue (60%)



- Red (62%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1306, 20.2612, 32.2920 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 25.1306, 20.2612, 32.2920 by changing the saturation by 10% instead.


 25.1306, 20.2612,
32.2920


 25.1306, 20.2612,
32.2920


270.8234,
253.3257, 326.9809

 16.3036, 12.5851,
21.3180


 51.3104, 43.8547,
64.3718


 9.8315, 7.1434,
13.1631


 69.3939, 60.5408,
86.3146

 5.3488, 3.5520,
7.4089


 91.2937, 80.9990,
112.7508

 2.4902, 1.4262,
3.6368

 117.3750,
105.6138, 144.0989

 0.8903, 0.2359,
1.4283

148.0033,
134.7694, 180.7774

 0.0000, 0.0000,
0.1636

183.5439,

 0.0000, 0.0000,

168.8503, 223.2049

0.0000

224.3621,
208.2409, 271.7999

■ 25.1306, 20.2612,
32.2920

■ 25.1306, 20.2612,
32.2920

■ 23.4590, 17.1642,
30.9748

■ 27.1080, 23.9650,
33.7238

■ 22.0749, 14.6386,
29.7655

■ 29.4043, 28.3031,
35.2740

■ 20.9610, 12.6495,
28.6583

■ 32.0343, 33.3045,
36.9477

■ 20.0975, 11.1573,
27.6467

■ 35.0112, 38.9957,
38.7496

■ 19.4618, 10.1167,
26.7231

■ 38.3475, 45.4018,
40.6837

■ 19.0270, 9.4742,
25.8784

■ 42.0553, 52.5466,
42.7541

■ 18.7638, 9.1344,
25.2150

■ 46.1457, 60.4526,
44.9647

■ 50.6297, 69.1417,
47.3191

■ 55.5176, 78.6347,
49.8209

Harmonies

Analogous

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



22.5019, 20.2612, 41.3792



25.1306, 20.2612, 32.2920



26.1552, 20.2612, 22.1472

Triad

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



25.1306, 20.2612, 32.2920



19.2877, 20.2612, 8.6321



14.3546, 20.2612, 32.1001

Complementary

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



25.1306, 20.2612, 32.2920



21.4493, 28.8574, 20.3603

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.



13.6938, 20.2612, 21.9750



25.1306, 20.2612, 32.2920



16.3413, 20.2612, 9.9445

Square

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



25.1306, 20.2612, 32.2920



22.5597, 20.2612, 9.9952



14.3794, 20.2612, 14.2574



16.2947, 20.2612, 41.2484

Rectangle

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



25.1306, 20.2612, 32.2920



25.7113, 20.2612, 16.5895



14.3794, 20.2612, 14.2574



13.9859, 20.2612, 28.6199

Sweetspot

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



25.1312, 20.2621, 32.2924



54.5187, 53.5252, 64.7855



18.4528, 16.7610, 34.6108



12.1484, 11.7962, 14.5133



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.



25.1312, 20.2621, 32.2924



43.4267, 32.6921, 56.9229



23.3055, 19.5318, 22.6782



6.8699, 6.7409, 8.1658



15.0372, 7.3194, 20.2447



0.2776, 0.1344, 0.4079

Inverse Universe

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



25.1312, 20.2621, 32.2924



43.4267, 32.6921, 56.9229



23.0600, 29.5017, 28.8421



6.8699, 6.7409, 8.1658



15.0372, 7.3194, 20.2447



0.2776, 0.1344, 0.4079

Previews

White Background



This preview shows how the XYZ color 25.1306, 20.2612, 32.2920 looks on a white background.

Color Contrast Check

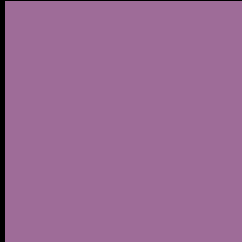
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1306, 20.2612, 32.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

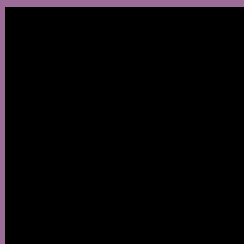
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1306, 20.2612, 32.2920

Background



This preview shows how black text looks on a background with the XYZ color 25.1306, 20.2612, 32.2920.



This preview shows how white text looks on a background with the XYZ color 25.1306, 20.2612,

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

25.1306, 20.2612, 32.2920

Protanopia

20.6332, 20.3877, 37.4981

Deuteranopia

20.8418, 20.4490, 31.2823



Tritanopia

22.8566, 20.3098, 21.1279

Trichromacy



Original Color

25.1306, 20.2612, 32.2920

Protanomaly

21.9424, 20.2059, 35.5445

Deuteranomaly

22.1828, 20.2430, 31.5923

Tritanomaly

23.5454, 20.2504, 24.8580

Monochromacy



Original Color

25.1306, 20.2612, 32.2920

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0002, 20.9699, 26.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1306, 20.2612, 32.2920 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(158, 108, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 108, 152)  
}
```

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(158, 108, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 108, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.1306, 20.2612, 32.2920 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(158, 108, 152) }
```


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

```
.border{ border-color:rgb(158, 108, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 108, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 108, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 108, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 108,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1306, 20.2612, 32.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 108, 152) }
```

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

```
.background{ background-color: rgb(158,  
108, 152) }
```

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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