

Converting Colors

XYZ(25.1388, 20.2249, 27.7808)

Have a look what the booklet for
XYZ(25.1388, 20.2249, 27.7808)
contains.

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Color

**XYZ(25.1697, 20.2250,
27.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	A36B8D
RGB	163, 107, 141
RGB Percent	64%, 42%, 55%
CMY	0.3608, 0.5804, 0.4471
CMYK	0.00, 0.34, 0.13, 0.36
HSL	324°, 23%, 53%
HSV	324°, 34%, 64%
XYZ	25.1697, 20.2250, 27.7765
YIQ	127.6200, 22.4620, 22.4460

Conversions

Conversions Part 2

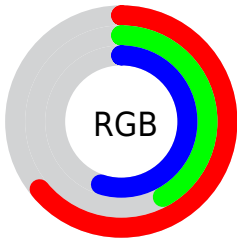
Format	Color
R_{YB}	163, 107, 141
Decimal	10709901
CIE _{Lab}	52.09, 27.59, -9.45
CIE _{LCh}	52, 29.161, 341.099
Yxy	20.2250, 0.3440, 0.2764
Android (android.graphics.Color)	4288899981 (0xFFA36B8D)
YUV	127.6200, 6.5963, 31.0283
Hunter-Lab	44.9722, 21.2001, -5.1391

Details

The XYZ color **25.1697, 20.2250, 27.7765** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1239, 30.9058, 25.5170**, and the grayscale version is **20.3593, 21.4196, 23.3259**.

A 20% lighter version of the original color is **51.4619, 43.7965, 57.3710**, and **9.8318, 7.0964, 10.7491** is the 20% darker color. If you saturate the color by 10%, you get **23.1651, 16.9562, 24.8250**, and if you desaturate by 10%, it is **27.5234, 24.1474, 30.9808**.

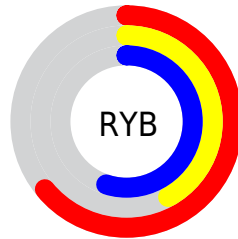
Distribution



Red (64%)

Green (42%)

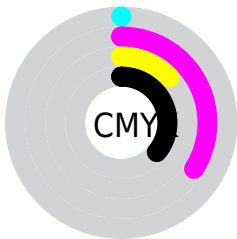
Blue (55%)



Red (64%)

Yellow (42%)

Blue (55%)

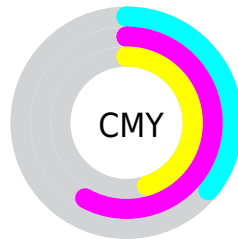


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (58%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1697, 20.2250, 27.7765 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 25.1697, 20.2250, 27.7765 by changing the saturation by 10% instead.


 25.1697, 20.2250,
27.7765


 25.1697, 20.2250,
27.7765


271.0141,
253.1306, 305.2757


 16.3329, 12.5587,
17.9197


 51.3733, 43.7941,
57.1462


 9.8524, 7.1254,
10.7235


 69.4709, 60.4657,
77.4962

 5.3627, 3.5406,
5.7694

 91.3861, 80.9078,
102.1810

 2.4985, 1.4201,
2.6389

 117.4842,
105.5049, 131.6191

 0.8945, 0.2314,
0.9124

148.1308,
134.6413, 166.2290

 0.0000, 0.0000,
0.0000

183.6910,

168.7015, 206.4294

224.5303,
208.0698, 252.6388

■ 25.1697, 20.2250,
27.7765

■ 25.1697, 20.2250,
27.7765

■ 23.1651, 16.9562,
24.8250

■ 27.5234, 24.1474,
30.9808

■ 21.4892, 14.3019,
22.1165

■ 30.2416, 28.7540,
34.4445

■ 20.1225, 12.2231,
19.6425


■ 33.3406, 34.0769,
38.1756


■ 19.0421, 10.6753,
17.3928

■ 36.8355, 40.1453,
42.1811


■ 18.2222, 9.6073,
15.3565


■ 40.7404, 46.9869,
46.4678


 17.6313, 8.9572,
13.5204

 45.0687, 54.6276,
51.0422

 17.3547, 8.6867,
12.5565

 49.8332, 63.0926,
55.9106

 55.0462, 72.4056,
61.0790

 60.7193, 82.5896,
66.5532

Harmonies

Analogous

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



23.2412, 20.2250, 36.8468



25.1697, 20.2250, 27.7765



25.4120, 20.2250, 19.0112

Triad

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



25.1697, 20.2250, 27.7765



18.1412, 20.2250, 9.5247



15.2206, 20.2250, 34.6661

Complementary

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



25.1697, 20.2250, 27.7765



23.1239, 30.9058, 25.5170

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.



14.1309, 20.2250, 25.3340



25.1697, 20.2250, 27.7765



15.6973, 20.2250, 11.8258

Square

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



25.1697, 20.2250, 27.7765



21.1397, 20.2250, 9.8591



14.2959, 20.2250, 17.1221



17.4263, 20.2250, 41.4808

Rectangle

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



25.1697, 20.2250, 27.7765



24.5589, 20.2250, 14.5865



14.2959, 20.2250, 17.1221



14.7225, 20.2250, 31.6316

Sweetspot

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



25.1703, 20.2259, 27.7769



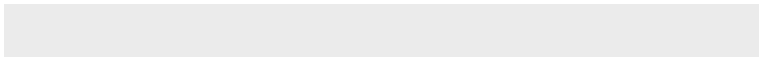
56.3887, 55.3102, 64.4132



20.8419, 17.7863, 36.9853



12.5010, 12.1419, 14.2683



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.



25.1703, 20.2259, 27.7769



42.3597, 31.7769, 45.7876



23.3735, 19.5072, 18.3151



7.2459, 7.1548, 8.2811



13.5104, 6.7602, 9.8785



0.3061, 0.1509, 0.3247

Inverse Universe

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



25.1703, 20.2259, 27.7769



42.3597, 31.7769, 45.7876



25.2017, 31.7369, 36.4582



7.2459, 7.1548, 8.2811



13.5104, 6.7602, 9.8785



0.3061, 0.1509, 0.3247

Previews

White Background



This preview shows how the XYZ color 25.1697, 20.2250, 27.7765 looks on a white background.

Color Contrast Check

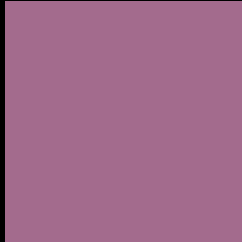
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1697, 20.2250, 27.7765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

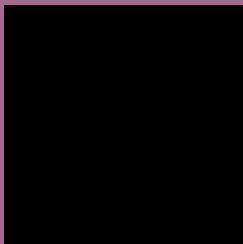
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1697, 20.2250, 27.7765

Background



This preview shows how black text looks on a background with the XYZ color 25.1697, 20.2250, 27.7765.



This preview shows how white text looks on a background with the XYZ color 25.1697, 20.2250,

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

25.1697, 20.2250, 27.7765

Protanopia

20.2217, 20.2845, 32.5553

Deuteranopia

20.6307, 20.2555, 26.8671



Tritanopia

23.5114, 20.1744, 20.1076

Trichromacy



Original Color

25.1697, 20.2250, 27.7765

Protanomaly

21.5381, 19.9290, 30.7285

Deuteranomaly

22.0609, 20.1056, 27.1441

Tritanomaly

24.1046, 20.2612, 22.7190

Monochromacy



Original Color

25.1697, 20.2250, 27.7765

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9346, 20.7891, 25.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1697, 20.2250, 27.7765 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, 107, 141)` looks like.

```
.text, #text, p{  
    color:rgb(163, 107, 141)  
}
```

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, 107, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 107, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.1697, 20.2250, 27.7765 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, 107, 141) }
```


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

```
.border{ border-color:rgb(163, 107, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 107, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 107, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 107, 141);  
box-shadow:4px 4px 4px 4px rgb(163, 107,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1697, 20.2250, 27.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 107, 141) }
```

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

```
.background{ background-color: rgb(163,  
107, 141) }
```

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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