

Converting Colors

XYZ(25.7470, 22.1556, 36.2700)

Have a look what the booklet for
XYZ(25.7470, 22.1556, 36.2700)
contains.

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Color

**XYZ(25.7725, 22.1703,
36.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	9876A0
RGB	152, 118, 160
RGB Percent	60%, 46%, 63%
CMY	0.4039, 0.5372, 0.3725
CMYK	0.05, 0.26, 0.00, 0.37
HSL	289°, 18%, 55%
HSV	289°, 26%, 63%
XYZ	25.7725, 22.1703, 36.1786
YIQ	132.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

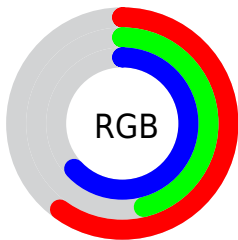
Format	Color
R_{YB}	152, 118, 160
Decimal	9991840
CIE _{Lab}	54.21, 21.01, -17.48
CIE _{LCh}	54, 27.328, 320.241
Yxy	22.1703, 0.3064, 0.2636
Android (android.graphics.Color)	4288181920 (0xFF9876A0)
YUV	132.9540, 13.3337, 16.7033
Hunter-Lab	47.0853, 15.3039, -12.5964

Details

The XYZ color **25.7725, 22.1703, 36.1786** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4457, 30.8857, 21.8137**, and the grayscale version is **22.2295, 23.3871, 25.4686**.

A 20% lighter version of the original color is **52.3726, 46.9211, 70.5863**, and **10.0904, 8.0483, 15.2090** is the 20% darker color. If you saturate the color by 10%, you get **23.4829, 18.4267, 35.5770**, and if you desaturate by 10%, it is **28.3977, 26.5626, 36.8884**.

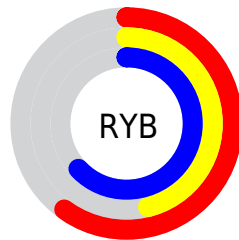
Distribution



Red (60%)

Green (46%)

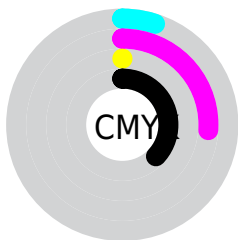
Blue (63%)



Red (60%)

Yellow (46%)

Blue (63%)

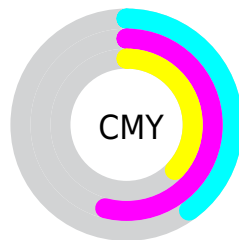


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (37%)



Cyan (40%)

Magenta (54%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7725, 22.1703, 36.1786 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 25.7725, 22.1703, 36.1786 by changing the saturation by 10% instead.

■ 25.7725, 22.1703,
36.1786

■ 25.7725, 22.1703,
36.1786

273.9407,
263.4343, 344.8015

■ 16.7853, 13.9821,
24.2814

■ 52.3416, 47.0273,
70.4798

■ 10.1759, 8.1082,
15.3284

■ 70.6543, 64.4649,
93.7208

■ 5.5789, 4.1643,
8.9010

■ 92.8061, 85.7544,
121.5802

■ 2.6290, 1.7659,
4.5807

119.1625,
111.2802, 154.4765

■ 0.9607, 0.4658,
1.9490

150.0888,
141.4267, 192.8283

■ 0.0000, 0.0000,
0.5237

185.9504,

■ 0.0000, 0.0000,

176.5783, 237.0540

0.0000

227.1126,
217.1194, 287.5722

■ 25.7725, 22.1703,
36.1786

■ 25.7725, 22.1703,
36.1786

■ 23.4829, 18.4267,
35.5770

■ 28.3977, 26.5626,
36.8884

■ 21.5107, 15.2966,
35.0768

■ 31.3716, 31.6307,
37.7099

■ 19.8388, 12.7458,
34.6726

■ 34.7090, 37.4038,
38.6483

■ 18.4480, 10.7358,
34.3579

■ 38.4233, 43.9083,
39.7080

■ 17.3163, 9.2229,
34.1255

■ 42.5270, 51.1694,
40.8933

■ 16.4186, 8.1571,
33.9671

■ 47.0323, 59.2111,
42.2080

■ 15.7192, 7.4673,
33.8708

■ 51.9506, 68.0561,
43.6561

■ 15.4785, 7.2465,
33.8409

■ 57.2930, 77.7265,
45.2411

■ 60.7949, 83.6930,
46.2081

Harmonies

Analogous

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



23.1096, 22.1703, 42.9583



25.7725, 22.1703, 36.1786



27.2140, 22.1703, 27.0184

Triad

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



25.7725, 22.1703, 36.1786



22.0547, 22.1703, 11.3459



16.1570, 22.1703, 30.2495

Complementary

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



25.7725, 22.1703, 36.1786



24.4457, 30.8857, 21.8137

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.



15.9319, 22.1703, 21.4731



25.7725, 22.1703, 36.1786



19.1582, 22.1703, 11.8197

Square

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



25.7725, 22.1703, 36.1786



24.9382, 22.1703, 13.6262



16.9812, 22.1703, 15.1204



17.6279, 22.1703, 39.0158

Rectangle

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



25.7725, 22.1703, 36.1786



27.2041, 22.1703, 21.3480



16.9812, 22.1703, 15.1204



15.9388, 22.1703, 27.1647

Sweetspot

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



25.7732, 22.1713, 36.1791



55.8821, 55.5807, 68.1694



21.3293, 21.4148, 36.2673



12.0809, 11.8905, 14.9020



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.



25.7732, 22.1713, 36.1791



44.4981, 36.4766, 65.0819



26.2742, 22.5505, 30.7371



6.7803, 6.6907, 8.3408



12.0923, 5.6628, 26.3629



0.2454, 0.1163, 0.4727

Inverse Universe

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



24.7422, 21.9377, 22.6698



42.3922, 36.0226, 36.4496



24.1124, 30.6215, 25.9714



6.6821, 6.6658, 7.1772



11.4932, 5.9019, 1.5824



0.2179, 0.1105, 0.0935

Previews

White Background



This preview shows how the XYZ color 25.7725, 22.1703, 36.1786 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 25.7725, 22.1703, 36.1786 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 25.7725, 22.1703, 36.1786

Background



This preview shows how black text looks on a background with the XYZ color 25.7725, 22.1703, 36.1786.



This preview shows how white text looks on a background with the XYZ color 25.7725, 22.1703,

36.1786.

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

25.7725, 22.1703, 36.1786

Protanopia

22.4400, 22.2214, 39.6657

Deuteranopia

22.6630, 22.2366, 35.4454



Tritanopia

23.5293, 22.1553, 25.2266

Trichromacy



Original Color

25.7725, 22.1703, 36.1786

Protanomaly

23.4242, 22.0012, 38.1340

Deuteranomaly

23.7822, 22.2369, 35.8396

Tritanomaly

24.1897, 22.0475, 28.9673

Monochromacy



Original Color

25.7725, 22.1703, 36.1786

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4923, 22.9970, 29.1873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7725, 22.1703, 36.1786 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(152, 118, 160)` looks like.

```
.text, #text, p{  
    color:rgb(152, 118, 160)  
}
```

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(152, 118, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 118, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.7725, 22.1703, 36.1786 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(152, 118, 160) }
```


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

```
.border{ border-color:rgb(152, 118, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 118, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 118, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 118, 160); box-shadow:4px 4px 4px 4px rgb(152, 118, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7725, 22.1703, 36.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 118, 160) }
```

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

```
.background{ background-color: rgb(152,  
118, 160) }
```

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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