

Converting Colors

XYZ(25.8307, 22.9256, 3.6103)

Have a look what the booklet for
XYZ(25.8307, 22.9256, 3.6103)
contains.

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Color

**XYZ(25.8710, 22.9424,
3.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	B67611
RGB	182, 118, 17
RGB Percent	71%, 46%, 7%
CMY	0.2863, 0.5372, 0.9333
CMYK	0.00, 0.35, 0.91, 0.29
HSL	37°, 83%, 39%
HSV	37°, 91%, 71%
XYZ	25.8710, 22.9424, 3.5951
YIQ	125.6220, 70.5650, -17.8430

Conversions

Conversions Part 2

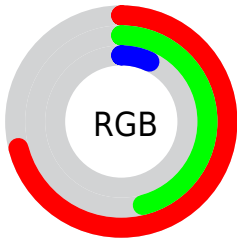
Format	Color
R_{YB}	122, 182, 17
Decimal	11957777
CIE _{Lab}	55.01, 17.95, 58.27
CIE _{LCh}	55, 60.975, 72.882
Yxy	22.9424, 0.4936, 0.4378
Android (android.graphics.Color)	4290147857 (0xFFB67611)
YUV	125.6220, -53.5506, 49.4435
Hunter-Lab	47.8982, 12.5903, 29.0786

Details

The XYZ color **25.8710, 22.9424, 3.5951** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.6171, 9.3814, 45.4541**, and the grayscale version is **19.8627, 20.8971, 22.7570**.

A 20% lighter version of the original color is **52.5729, 48.2985, 13.0302**, and **10.5023, 8.6654, 1.1191** is the 20% darker color. If you saturate the color by 10%, you get **25.0205, 21.4034, 2.8126**, and if you desaturate by 10%, it is **26.9394, 24.7511, 4.9637**.

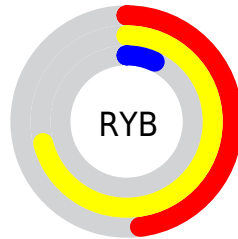
Distribution



Red (71%)

Green (46%)

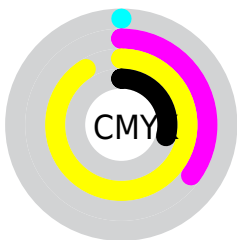
Blue (7%)



Red (48%)

Yellow (71%)

Blue (7%)

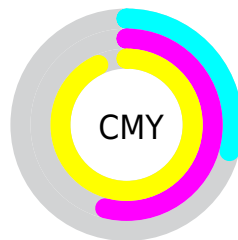


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (29%)



Cyan (29%)


Magenta (54%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8710, 22.9424, 3.5951 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 25.8710, 22.9424, 3.5951 by changing the saturation by 10% instead.


 25.8710, 22.9424,
3.5951


 25.8710, 22.9424,
3.5951


274.4166,
267.4290, 143.6126


 16.8593, 14.5510,
1.4060


 52.4996, 48.2987,
13.0646

 10.2289, 8.5049,
0.1464


 70.8471, 66.0324,
21.1821

 5.6144, 4.4197,
0.0000

 93.0374, 87.6490,
32.1127

 2.6505, 1.9110,
0.0000

 119.4357,
113.5329, 46.2751

 0.9718, 0.5550,
0.0000

 150.4075,
144.0684, 64.0877

 0.0000, 0.0000,
0.0000

 186.3179,

179.6400, 85.9691

227.5325,
220.6321, 112.3379

25.8710, 22.9424,
3.5951

25.8710, 22.9424,
3.5951

25.0205, 21.4034,
2.8126

26.9394, 24.7511,
4.9637

28.2112, 26.7417,
7.0921

29.7071, 28.9258,
10.0811

31.4445, 31.3121,
14.0160

33.4387, 33.9087,
18.9715

■ 35.7036, 36.7230,
25.0146

■ 38.2518, 39.7619,
32.2070

■ 41.0952, 43.0320,
40.6052

■ 44.2448, 46.5394,
50.2623

Harmonies

Analogous

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



32.8167, 22.9424, 7.2179



25.8710, 22.9424, 3.5951



19.0278, 22.9424, 3.4026

Triad

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



25.8710, 22.9424, 3.5951



11.4097, 22.9424, 34.2594



31.9305, 22.9424, 63.5214

Complementary

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



25.8710, 22.9424, 3.5951



11.6171, 9.3814, 45.4541

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.



24.8424, 22.9424, 81.8837



25.8710, 22.9424, 3.5951



13.5831, 22.9424, 59.9569

Square

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



25.8710, 22.9424, 3.5951



11.5723, 22.9424, 15.5269



18.1909, 22.9424, 80.3186



36.7820, 22.9424, 37.6543

Rectangle

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



25.8710, 22.9424, 3.5951



15.4686, 22.9424, 4.9189



18.1909, 22.9424, 80.3186



29.6739, 22.9424, 71.2580

Sweetspot

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



25.8715, 22.9436, 3.5955



66.1519, 68.2969, 49.2918



21.0532, 10.9707, 9.1922



14.2779, 14.6820, 9.9642



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.8715, 22.9436, 3.5955



45.1265, 38.3330, 5.0206



32.4503, 41.5492, 6.8400



9.4498, 9.9025, 9.5202



17.7353, 15.2470, 2.0082



0.6834, 0.6538, 0.0902

Inverse Universe

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



11.6171, 9.3814, 45.4541



19.1335, 13.7741, 81.8859



9.2875, 4.1102, 44.5594



8.7991, 9.2754, 11.4060



7.5960, 5.6516, 31.9436



0.3285, 0.3207, 1.1463

Previews

White Background



This preview shows how the XYZ color 25.8710, 22.9424, 3.5951 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 25.8710, 22.9424, 3.5951 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 25.8710, 22.9424, 3.5951

Background



This preview shows how black text looks on a background with the XYZ color 25.8710, 22.9424, 3.5951.



This preview shows how white text looks on a background with the XYZ color 25.8710, 22.9424,

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

25.8710, 22.9424, 3.5951

Protanopia

20.7810, 22.9462, 4.0433

Deuteranopia

23.3028, 22.8959, 3.3634



Tritanopia

29.3395, 23.0247, 20.0374

Trichromacy



Original Color

25.8710, 22.9424, 3.5951

Protanomaly

22.4136, 22.8063, 3.8826

Deuteranomaly

24.0276, 22.7116, 3.4046

Tritanomaly

27.3979, 22.7186, 10.7257

Monochromacy



Original Color

25.8710, 22.9424, 3.5951

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6167, 20.9488, 11.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8710, 22.9424, 3.5951 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(182, 118, 17)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 17)  
}
```

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(182, 118, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 17) }
```

Border

The CSS property to change the border of an element to XYZ 25.8710, 22.9424, 3.5951 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(182, 118, 17) }
```


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

```
.border{ border-color:rgb(182, 118, 17) }
```

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

Here you see how a box with a 4 pixel rgb(182, 118, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 17);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8710, 22.9424, 3.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 17) }
```

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

```
.background{ background-color: rgb(182,  
118, 17) }
```

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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