

Converting Colors

XYZ(25.7061, 24.8593, 5.5413)

Have a look what the booklet for
XYZ(25.7061, 24.8593, 5.5413)
contains.

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Color

**XYZ(25.7061, 24.8593,
5.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8129
RGB	174, 129, 41
RGB Percent	68%, 51%, 16%
CMY	0.3176, 0.4941, 0.8392
CMYK	0.00, 0.26, 0.76, 0.32
HSL	40°, 62%, 42%
HSV	40°, 76%, 68%
XYZ	25.7061, 24.8593, 5.5413
YIQ	132.4230, 55.0680, -17.8280

Conversions

Conversions Part 2

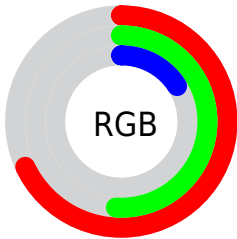
Format	Color
R_{YB}	109, 174, 41
Decimal	11436329
CIE Lab	56.94, 8.96, 51.64
CIE LCh	57, 52.410, 80.157
Yxy	24.8593, 0.4582, 0.4431
Android (android.graphics.Color)	4289626409 (0xFFAE8129)
YUV	132.4230, -45.0715, 36.4630
Hunter-Lab	49.8591, 4.7767, 28.3119

Details

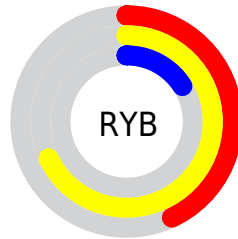
The XYZ color **25.7061, 24.8593, 5.5413** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.8821, 10.1827, 41.3834**, and the grayscale version is **22.2297, 23.3874, 25.4689**.

A 20% lighter version of the original color is **52.3080, 51.5698, 17.5530**, and **10.2048, 9.5192, 1.2995** is the 20% darker color. If you saturate the color by 10%, you get **24.7139, 23.2582, 4.0294**, and if you desaturate by 10%, it is **26.8783, 26.6059, 7.7758**.

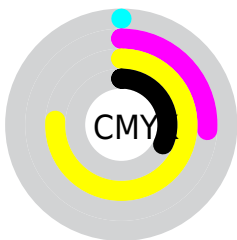
Distribution



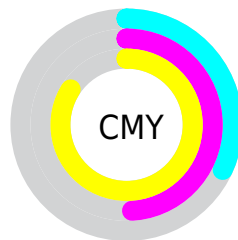
- Red (68%)
- Green (51%)
- Blue (16%)



- Red (43%)
- Yellow (68%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (76%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7061, 24.8593, 5.5413 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 25.7061, 24.8593, 5.5413 by changing the saturation by 10% instead.

■ 25.7061, 24.8593,
5.5413

■ 25.7061, 24.8593,
5.5413

273.6196,
277.1365, 164.0659

■ 16.7354, 15.9723,
2.5040

■ 52.2351, 51.4289,
17.4321

■ 10.1402, 9.5045,
0.8423

■ 70.5242, 69.8802,
27.1226

■ 5.5550, 5.0717,
0.0000

■ 92.6501, 92.2884,
39.8679

■ 2.6145, 2.2894,
0.0000

■ 118.9782,
119.0379, 56.0866

■ 0.9533, 0.7681,
0.0000

■ 149.8738,
150.5131, 76.1972

■ 0.0000, 0.0000,
0.0000

■ 185.7024,

187.0983, 100.6183

226.8292,
229.1780, 129.7683

■ 25.7061, 24.8593,
5.5413

■ 25.7061, 24.8593,
5.5413

■ 24.7139, 23.2582,
4.0294

■ 26.8783, 26.6059,
7.7758

■ 23.8778, 21.7888,
3.1253

■ 28.2453, 28.5021,
10.8144

■ 23.6014, 21.2904,
2.8655

■ 29.8219, 30.5559,
14.7292

■ 31.6209, 32.7735,
19.5839

■ 33.6537, 35.1607,
25.4360

■ 35.9311, 37.7228,
32.3387

■ 38.4631, 40.4648,
40.3410

■ 41.2590, 43.3914,
49.4892

■ 44.3276, 46.5073,
59.8267

Harmonies

Analogous

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



32.0362, 24.8593, 8.5111



25.7061, 24.8593, 5.5413



19.7854, 24.8593, 6.1065

Triad

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



25.7061, 24.8593, 5.5413



14.1805, 24.8593, 40.4848



33.9119, 24.8593, 55.0544

Complementary

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



25.7061, 24.8593, 5.5413



11.8821, 10.1827, 41.3834

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.



27.9385, 24.8593, 72.8875



25.7061, 24.8593, 5.5413



16.8370, 24.8593, 62.2539

Square

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



25.7061, 24.8593, 5.5413



13.7928, 24.8593, 21.6849



21.6651, 24.8593, 75.9782



37.2880, 24.8593, 33.2745

Rectangle

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



25.7061, 24.8593, 5.5413



16.7974, 24.8593, 8.5665



21.6651, 24.8593, 75.9782



32.0972, 24.8593, 62.0457

Sweetspot

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



25.7067, 24.8605, 5.5418



62.2480, 65.1517, 49.7243



19.9915, 11.2819, 10.2595



13.5223, 14.1231, 10.1202



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.7067, 24.8605, 5.5418



43.7141, 40.2486, 6.0438



28.8723, 37.3070, 7.7774



8.4310, 8.8668, 8.4805



17.1748, 15.5551, 2.0972



0.5257, 0.5285, 0.0743

Inverse Universe

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



11.8821, 10.1827, 41.3834



17.6659, 12.7840, 74.1733



10.3545, 5.6327, 40.5857



7.7921, 8.1836, 10.1216



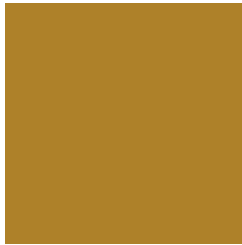
6.7208, 4.5754, 29.5734



0.2384, 0.2302, 0.8399

Previews

White Background



This preview shows how the XYZ color 25.7061, 24.8593, 5.5413 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 25.7061, 24.8593, 5.5413 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 25.7061, 24.8593, 5.5413

Background



This preview shows how black text looks on a background with the XYZ color 25.7061, 24.8593, 5.5413.



This preview shows how white text looks on a background with the XYZ color 25.7061, 24.8593,

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

25.7061, 24.8593, 5.5413

Protanopia

22.5186, 24.8380, 5.8929

Deuteranopia

25.3961, 24.8960, 5.5647



Tritanopia

29.6890, 24.9897, 24.3778

Trichromacy



Original Color

25.7061, 24.8593, 5.5413

Protanomaly

23.6410, 24.7944, 5.7303

Deuteranomaly

25.6165, 25.0096, 5.5750

Tritanomaly

27.7724, 24.7621, 14.8711

Monochromacy



Original Color

25.7061, 24.8593, 5.5413

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4011, 23.3365, 15.1281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7061, 24.8593, 5.5413 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(174, 129, 41)` looks like.

```
.text, #text, p{  
    color:rgb(174, 129, 41)  
}
```

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(174, 129, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 129, 41) }
```

Border

The CSS property to change the border of an element to XYZ 25.7061, 24.8593, 5.5413 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(174, 129, 41) }
```


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

```
.border{ border-color:rgb(174, 129, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 129, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 129, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 129, 41);  
box-shadow:4px 4px 4px 4px rgb(174, 129,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7061, 24.8593, 5.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 129, 41) }
```

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

```
.background{ background-color: rgb(174,  
129, 41) }
```

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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