

Converting Colors

XYZ(24.2110, 24.2567, 5.1637)

Have a look what the booklet for
XYZ(24.2110, 24.2567, 5.1637)
contains.

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Color

**XYZ(24.2529, 24.3143,
5.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	A78225
RGB	167, 130, 37
RGB Percent	65%, 51%, 15%
CMY	0.3451, 0.4902, 0.8549
CMYK	0.00, 0.22, 0.78, 0.35
HSL	43°, 64%, 40%
HSV	43°, 78%, 65%
XYZ	24.2529, 24.3143, 5.1651
YIQ	130.4610, 51.9050, -21.0790

Conversions

Conversions Part 2

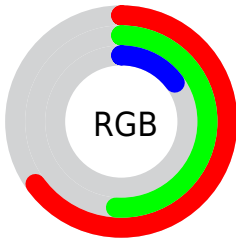
Format	Color
R_{YB}	89, 167, 37
Decimal	10977829
CIE _{Lab}	56.40, 5.06, 52.43
CIE _{LCh}	56, 52.674, 84.485
Yxy	24.3143, 0.4514, 0.4525
Android (android.graphics.Color)	4289167909 (0xFFA78225)
YUV	130.4610, -46.0763, 32.0447
Hunter-Lab	49.3095, 1.5036, 28.3061

Details

The XYZ color **24.2529, 24.3143, 5.1651** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.1867, 8.0807, 37.5818**, and the grayscale version is **21.5277, 22.6489, 24.6646**.

A 20% lighter version of the original color is **50.1007, 50.7570, 16.6077**, and **9.4980, 9.2644, 1.2876** is the 20% darker color. If you saturate the color by 10%, you get **23.4308, 22.9981, 3.8802**, and if you desaturate by 10%, it is **25.2253, 25.7392, 7.0922**.

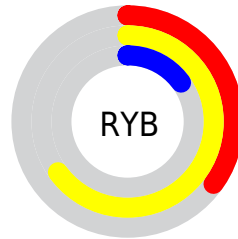
Distribution



Red (65%)

Green (51%)

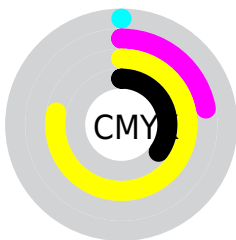
Blue (15%)



Red (35%)

Yellow (65%)

Blue (15%)

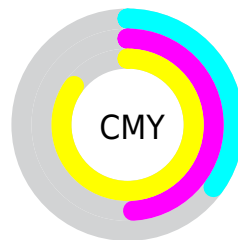


Cyan (0%)

Magenta (22%)

Yellow (78%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2529, 24.3143, 5.1651 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 24.2529, 24.3143, 5.1651 by changing the saturation by 10% instead.

■ 24.2529, 24.3143,
5.1651

■ 24.2529, 24.3143,
5.1651

266.5134,
274.4056, 160.4082

■ 15.6471, 15.5669,
2.2840

■ 49.8943, 50.5426,
16.6184

■ 9.3640, 9.2182,
0.7222

■ 67.6605, 68.7923,
26.0276

■ 5.0384, 4.8838,
0.0000

■ 89.2109, 90.9783,
38.4501

■ 2.3048, 2.1792,
0.0000

■ 114.9109,
117.4849, 54.3042

■ 0.7971, 0.7086,
0.0000

■ 145.1258,
148.6966, 74.0085

■ 0.0000, 0.0000,
0.0000

■ 180.2209,

184.9976, 97.9816

220.5617,
226.7725, 126.6420

■ 24.2529, 24.3143,
5.1651

■ 24.2529, 24.3143,
5.1651

■ 23.4308, 22.9981,
3.8802

■ 25.2253, 25.7392,
7.0922

■ 22.7327, 21.7767,
3.1087

■ 26.3611, 27.2759,
9.7366

■ 22.5896, 21.5222,
2.9636

■ 27.6738, 28.9313,
13.1646

■ 29.1747, 30.7105,
17.4343

■ 30.8742, 32.6182,
22.5984

■ 32.7819, 34.6588,
28.7052

■ 34.9065, 36.8365,
35.7997

■ 37.2563, 39.1550,
43.9238

■ 39.8392, 41.6181,
53.1170

Harmonies

Analogous

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



30.5961, 24.3143, 7.4919



24.2529, 24.3143, 5.1651



18.5914, 24.3143, 6.1877

Triad

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



24.2529, 24.3143, 5.1651



14.0125, 24.3143, 42.9350



34.0035, 24.3143, 51.1045

Complementary

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



24.2529, 24.3143, 5.1651



10.1867, 8.0807, 37.5818

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.



28.3072, 24.3143, 70.1852



24.2529, 24.3143, 5.1651



16.9570, 24.3143, 64.1951

Square

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



24.2529, 24.3143, 5.1651



13.3095, 24.3143, 23.3823



22.0036, 24.3143, 75.8050



36.8243, 24.3143, 29.8271

Rectangle

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



24.2529, 24.3143, 5.1651



15.8417, 24.3143, 9.0401



22.0036, 24.3143, 75.8050



32.3179, 24.3143, 58.3037

Sweetspot

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



24.2535, 24.3155, 5.1656



56.7594, 60.0053, 45.1002



17.9025, 10.0606, 7.8361



12.4415, 13.1468, 9.2691



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2535, 24.3155, 5.1656



41.0928, 39.6770, 5.9510



25.1371, 33.4336, 6.8790



7.9638, 8.4076, 7.9924



17.3291, 16.5555, 2.2822



0.4618, 0.4833, 0.0689

Inverse Universe

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



10.1867, 8.0807, 37.5818



15.0440, 9.8044, 66.5748



9.6867, 5.1702, 37.0464



7.2992, 7.6354, 9.5074



6.1685, 3.7973, 28.3833



0.1929, 0.1780, 0.7048

Previews

White Background



This preview shows how the XYZ color 24.2529, 24.3143, 5.1651 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 24.2529, 24.3143, 5.1651 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 24.2529, 24.3143, 5.1651

Background



This preview shows how black text looks on a background with the XYZ color 24.2529, 24.3143, 5.1651.



This preview shows how white text looks on a background with the XYZ color 24.2529, 24.3143,

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

24.2529, 24.3143, 5.1651

Protanopia

22.1193, 24.4302, 5.4691

Deuteranopia

24.7777, 24.3865, 5.2349



Tritanopia

28.1677, 24.1977, 24.6587

Trichromacy



Original Color

24.2529, 24.3143, 5.1651

Protanomaly

22.7796, 24.3582, 5.3347

Deuteranomaly

24.5623, 24.2755, 5.2248

Tritanomaly

26.1599, 23.9363, 14.5507

Monochromacy



Original Color

24.2529, 24.3143, 5.1651

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4216, 22.6494, 14.3091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2529, 24.3143, 5.1651 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(167, 130, 37)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 37)  
}
```

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(167, 130, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 37) }
```

Border

The CSS property to change the border of an element to XYZ 24.2529, 24.3143, 5.1651 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(167, 130, 37) }
```


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

```
.border{ border-color:rgb(167, 130, 37) }
```

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

Here you see how a box with a 4 pixel rgb(167, 130, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 37);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2529, 24.3143, 5.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 37) }
```

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

```
.background{ background-color: rgb(167,  
130, 37) }
```

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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