

Converting Colors

XYZ(24.2154, 24.6580, 9.3600)

Have a look what the booklet for
XYZ(24.2154, 24.6580, 9.3600)
contains.

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Color

**XYZ(24.2570, 24.6261,
9.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	A28446
RGB	162, 132, 70
RGB Percent	64%, 52%, 27%
CMY	0.3647, 0.4823, 0.7255
CMYK	0.00, 0.19, 0.57, 0.36
HSL	40°, 40%, 45%
HSV	40°, 57%, 64%
XYZ	24.2570, 24.6261, 9.2692
YIQ	133.9020, 37.7820, -12.9220

Conversions

Conversions Part 2

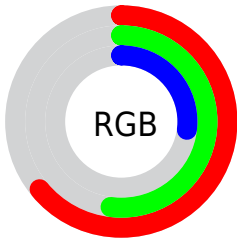
Format	Color
R_{YB}	115, 162, 70
Decimal	10650694
CIE _{Lab}	56.71, 3.75, 37.38
CIE _{LCh}	57, 37.567, 84.269
Yxy	24.6261, 0.4171, 0.4235
Android (android.graphics.Color)	4288840774 (0xFFA28446)
YUV	133.9020, -31.5037, 24.6419
Hunter-Lab	49.6247, 0.4092, 23.6627

Details

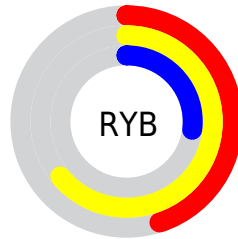
The XYZ color **24.2570, 24.6261, 9.2692** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.6043, 13.0245, 35.9791**, and the grayscale version is **22.7269, 23.9104, 26.0384**.

A 20% lighter version of the original color is **49.9525, 51.1141, 25.0025**, and **9.4224, 9.4326, 2.0831** is the 20% darker color. If you saturate the color by 10%, you get **23.1150, 23.0530, 6.6971**, and if you desaturate by 10%, it is **25.5744, 26.3293, 12.5809**.

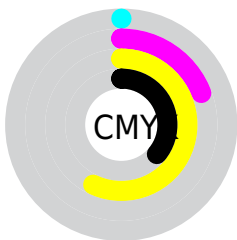
Distribution



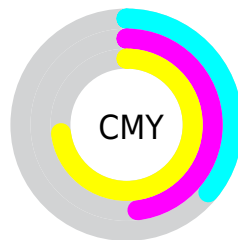
- Red (64%)
- Green (52%)
- Blue (27%)



- Red (45%)
- Yellow (64%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2570, 24.6261, 9.2692 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 24.2570, 24.6261, 9.2692 by changing the saturation by 10% instead.

■ 24.2570, 24.6261,
9.2692

■ 24.2570, 24.6261,
9.2692

266.5336,
275.9707, 195.6650

■ 15.6501, 15.7987,
4.8180

■ 49.9009, 51.0500,
24.9975

■ 9.3662, 9.3818,
2.0840

■ 67.6686, 69.4153,
37.1117

■ 5.0398, 4.9911,
0.6062

■ 89.2207, 91.7287,
52.6173

■ 2.3056, 2.2420,
0.0000

■ 114.9225,
118.3745, 71.9328

■ 0.7975, 0.7428,
0.0000

■ 145.1393,
149.7373, 95.4768

■ 0.0000, 0.0000,
0.0000

180.2365,

186.2013, 123.6678

220.5795,
228.1510, 156.9243

■ 24.2570, 24.6261,
9.2692

■ 24.2570, 24.6261,
9.2692

■ 23.1150, 23.0530,
6.6971

■ 25.5744, 26.3293,
12.5809

■ 22.1347, 21.6008,
4.8030

■ 27.0762, 28.1641,
16.6842

■ 21.3030, 20.2644,
3.5178

■ 28.7724, 30.1364,
21.6281

■ 20.5997, 19.0348,
2.7377

■ 30.6722, 32.2506,
27.4569

■ 20.3881, 18.6573,
2.5266

■ 32.7837, 34.5108,
34.2122

■ 35.1149, 36.9208,
41.9326

■ 37.6730, 39.4845,
50.6548

■ 40.4651, 42.2052,
60.4133

■ 43.4979, 45.0864,
71.2411

Harmonies

Analogous

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



28.6739, 24.6261, 11.6195



24.2570, 24.6261, 9.2692



20.1144, 24.6261, 10.2948

Triad

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



24.2570, 24.6261, 9.2692



16.5411, 24.6261, 37.9922



30.9255, 24.6261, 43.4984

Complementary

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



24.2570, 24.6261, 9.2692



13.6043, 13.0245, 35.9791

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.



27.0392, 24.6261, 55.3395



24.2570, 24.6261, 9.2692



18.8270, 24.6261, 51.5284

Square

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



24.2570, 24.6261, 9.2692



15.9905, 24.6261, 24.4777



22.5759, 24.6261, 58.6618



32.8200, 24.6261, 29.2936

Rectangle

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



24.2570, 24.6261, 9.2692



18.0089, 24.6261, 12.9912



22.5759, 24.6261, 58.6618



29.7870, 24.6261, 48.0443

Sweetspot

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



24.2576, 24.6273, 9.2697



55.4899, 58.3376, 49.2387



19.4232, 12.9950, 13.7113



12.3106, 12.9354, 10.5846



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.



24.2576, 24.6273, 9.2697



41.4914, 41.1705, 11.1853



25.9987, 32.4549, 10.6888



7.4539, 7.8461, 7.5017



16.1028, 14.7795, 2.0040



0.3785, 0.3908, 0.0555

Inverse Universe

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



13.6043, 13.0245, 35.9791



20.2957, 18.1373, 64.4873



12.4886, 8.9362, 35.2488



6.8803, 7.2196, 8.9340



6.1700, 4.1195, 27.3997



0.1711, 0.1695, 0.5896

Previews

White Background



This preview shows how the XYZ color 24.2570, 24.6261, 9.2692 looks on a white background.

Color Contrast Check

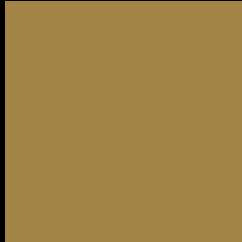
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2570, 24.6261, 9.2692 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 24.2570, 24.6261, 9.2692

Background



This preview shows how black text looks on a background with the XYZ color 24.2570, 24.6261, 9.2692.



This preview shows how white text looks on a background with the XYZ color 24.2570, 24.6261,

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

24.2570, 24.6261, 9.2692

Protanopia

22.5192, 24.5473, 9.5124

Deuteranopia

25.0563, 24.6357, 9.3958



Tritanopia

27.7851, 24.7133, 25.8600

Trichromacy



Original Color

24.2570, 24.6261, 9.2692

Protanomaly

23.1277, 24.6529, 9.5008

Deuteranomaly

24.7707, 24.6869, 9.4207

Tritanomaly

26.3143, 24.6930, 18.4182

Monochromacy



Original Color

24.2570, 24.6261, 9.2692

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7584, 23.8520, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2570, 24.6261, 9.2692 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(162, 132, 70)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 70)  
}
```

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(162, 132, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 70) }
```

Border

The CSS property to change the border of an element to XYZ 24.2570, 24.6261, 9.2692 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(162, 132, 70) }
```


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

```
.border{ border-color:rgb(162, 132, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 70);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2570, 24.6261, 9.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 70) }
```

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

```
.background{ background-color: rgb(162,  
132, 70) }
```

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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