

Converting Colors

XYZ(24.9284, 30.0904, 5.6242)

Have a look what the booklet for
XYZ(24.9284, 30.0904, 5.6242)
contains.

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Color

**XYZ(24.9142, 29.9722,
5.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	999A1D
RGB	153, 154, 29
RGB Percent	60%, 60%, 11%
CMY	0.4000, 0.3961, 0.8863
CMYK	0.01, 0.00, 0.81, 0.40
HSL	60°, 68%, 36%
HSV	60°, 81%, 60%
XYZ	24.9142, 29.9722, 5.6345
YIQ	139.4510, 39.5290, -39.0870

Conversions

Conversions Part 2

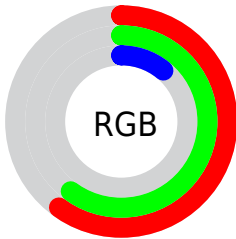
Format	Color
R_{YB}	29, 154, 30
Decimal	10066461
CIE _{Lab}	61.63, -14.62, 59.32
CIE _{LCh}	62, 61.091, 103.847
Yxy	29.9722, 0.4117, 0.4952
Android (android.graphics.Color)	4288256541 (0xFF999A1D)
YUV	139.4510, -54.4523, 11.8825
Hunter-Lab	54.7469, -14.5753, 32.2207

Details

The XYZ color **24.9142, 29.9722, 5.6345** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.8083, 3.4884, 30.8882**, and the grayscale version is **24.9087, 26.2059, 28.5382**.

A 20% lighter version of the original color is **50.8139, 59.4853, 17.6077**, and **9.8873, 12.2972, 1.8525** is the 20% darker color. If you saturate the color by 10%, you get **24.7463, 29.9035, 4.8692**, and if you desaturate by 10%, it is **25.1787, 30.0818, 6.9024**.

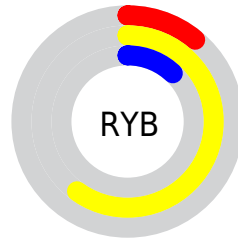
Distribution



Red (60%)

Green (60%)

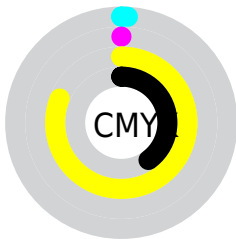
Blue (11%)



Red (11%)

Yellow (60%)

Blue (12%)

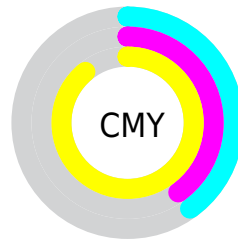


Cyan (1%)

Magenta (0%)

Yellow (81%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9142, 29.9722, 5.6345 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 24.9142, 29.9722, 5.6345 by changing the saturation by 10% instead.

■ 24.9142, 29.9722,
5.6345

■ 24.9142, 29.9722,
5.6345

269.7659,
301.7748, 164.9545

■ 16.1415, 19.8175,
2.5590

■ 50.9619, 59.6182,
17.6318

■ 9.7158, 12.2624,
0.8712

■ 68.9676, 79.8783,
27.3906

■ 5.2718, 6.9227,
0.0000

■ 90.7818, 104.2756,
40.2143

■ 2.4440, 3.4138,
0.0000

■ 116.7697,
133.1946, 56.5214

■ 0.8671, 1.3514,
0.0000

■ 147.2967,
167.0196, 76.7304

■ 0.0000, 0.1805,
0.0000

■ 182.7281,

■ 0.0000, 0.0000,

206.1351, 101.2599

0.0000

223.4294,
250.9254, 130.5284

■ 24.9142, 29.9722,
5.6345

■ 24.9142, 29.9722,
5.6345

■ 24.7463, 29.9035,
4.8692

■ 25.1787, 30.0818,
6.9024

■ 24.6491, 29.8622,
4.4648

■ 25.5504, 30.2332,
8.7372

■ 26.0404, 30.4319,
11.1953

■ 26.6582, 30.6817,
14.3262

■ 27.4122, 30.9860,
18.1740

■ 28.3100, 31.3479,
22.7795

■ 29.3589, 31.7702,
28.1800

■ 30.5655, 32.2555,
34.4107

■ 31.9360, 32.8065,
41.5046

Harmonies

Analogous

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



33.0528, 29.9722, 5.7801



24.9142, 29.9722, 5.6345



18.9882, 29.9722, 9.8516

Triad

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



24.9142, 29.9722, 5.6345



18.6514, 29.9722, 74.4096



46.2567, 29.9722, 46.7121

Complementary

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



24.9142, 29.9722, 5.6345



6.8083, 3.4884, 30.8882

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.



40.7212, 29.9722, 76.6347



24.9142, 29.9722, 5.6345



24.3635, 29.9722, 97.1243

Square

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



24.9142, 29.9722, 5.6345



15.8648, 29.9722, 44.5401



32.3875, 29.9722, 98.0907



46.4816, 29.9722, 23.0657

Rectangle

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



24.9142, 29.9722, 5.6345



16.6518, 29.9722, 16.6350



32.3875, 29.9722, 98.0907



44.9140, 29.9722, 56.5594

Sweetspot

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



24.9149, 29.9736, 5.6351



50.8538, 56.7127, 38.4475



13.9886, 7.8382, 1.9384



11.3874, 12.7870, 8.0709



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9149, 29.9736, 5.6351



44.8119, 54.2593, 8.2848



16.1425, 25.4513, 5.2246



6.7040, 7.2204, 6.6462



20.0825, 24.3288, 3.6375



0.3016, 0.3644, 0.0544

Inverse Universe

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



6.8083, 3.4884, 30.8882



10.7566, 4.4186, 55.8222



10.6370, 5.4622, 31.0674



5.8888, 6.0286, 7.7822



4.7662, 1.9081, 25.0248



0.0723, 0.0291, 0.3742

Previews

White Background



This preview shows how the XYZ color 24.9142, 29.9722, 5.6345 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 24.9142, 29.9722, 5.6345 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 24.9142, 29.9722, 5.6345

Background



This preview shows how black text looks on a background with the XYZ color 24.9142, 29.9722, 5.6345.



This preview shows how white text looks on a background with the XYZ color 24.9142, 29.9722,

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

24.9142, 29.9722, 5.6345

Protanopia

27.1055, 29.9036, 5.4420

Deuteranopia

30.3368, 29.7419, 5.8109



Tritanopia

30.8431, 29.7980, 35.1363

Trichromacy



Original Color

24.9142, 29.9722, 5.6345

Protanomaly

26.3805, 30.0036, 5.4995

Deuteranomaly

28.2326, 29.7815, 5.6992

Tritanomaly

27.4921, 29.3425, 18.6827

Monochromacy



Original Color

24.9142, 29.9722, 5.6345

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.7270, 26.7767, 15.7222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9142, 29.9722, 5.6345 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(153, 154, 29)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 29)  
}
```

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(153, 154, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 29) }
```

Border

The CSS property to change the border of an element to XYZ 24.9142, 29.9722, 5.6345 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(153, 154, 29) }
```


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

```
.border{ border-color:rgb(153, 154, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 29);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9142, 29.9722, 5.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 29) }
```

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

```
.background{ background-color: rgb(153,  
154, 29) }
```

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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