

Converting Colors

XYZ(24.1434, 29.2481, 4.9897)

Have a look what the booklet for
XYZ(24.1434, 29.2481, 4.9897)
contains.

XYZ(24.2713, 29.4088, 5.0133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2713, 29.4088,
5.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	979913
RGB	151, 153, 19
RGB Percent	59%, 60%, 7%
CMY	0.4078, 0.4000, 0.9255
CMYK	0.01, 0.00, 0.88, 0.40
HSL	61°, 78%, 34%
HSV	61°, 88%, 60%
XYZ	24.2713, 29.4088, 5.0133
YIQ	137.1260, 41.8220, -42.0980

Conversions

Conversions Part 2

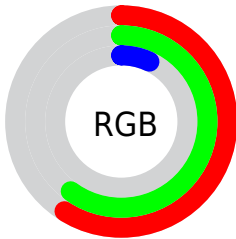
Format	Color
R_{YB}	19, 153, 21
Decimal	9935123
CIE Lab	61.14, -15.29, 61.32
CIE LCh	61, 63.195, 103.999
Yxy	29.4088, 0.4135, 0.5011
Android (android.graphics.Color)	4288125203 (0xFF979913)
YUV	137.1260, -58.2361, 12.1675
Hunter-Lab	54.2299, -15.0123, 32.4798

Details

The XYZ color **24.2713, 29.4088, 5.0133** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.2926, 2.9256, 30.3719**, and the grayscale version is **24.0289, 25.2803, 27.5303**.

A 20% lighter version of the original color is **49.7732, 58.6147, 16.2799**, and **9.5752, 11.9895, 1.8095** is the 20% darker color. If you saturate the color by 10%, you get **24.1322, 29.3494, 4.4996**, and if you desaturate by 10%, it is **24.4901, 29.5023, 5.9405**.

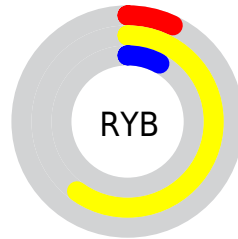
Distribution



Red (59%)

Green (60%)

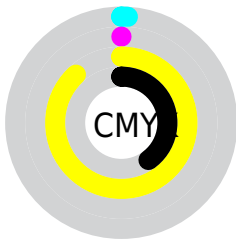
Blue (7%)



Red (7%)

Yellow (60%)

Blue (8%)

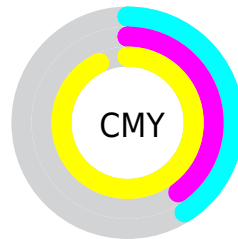


Cyan (1%)

Magenta (0%)

Yellow (88%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2713, 29.4088, 5.0133 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 24.2713, 29.4088, 5.0133 by changing the saturation by 10% instead.

■ 24.2713, 29.4088,
5.0133

■ 24.2713, 29.4088,
5.0133

266.6043,
299.1389, 158.8983

■ 15.6608, 19.3903,
2.1962

■ 49.9240, 58.7260,
16.2865

■ 9.3738, 11.9526,
0.6722

■ 67.6970, 78.7934,
25.5796

■ 5.0448, 6.7114,
0.0000

■ 89.2548, 102.9793,
37.8685

■ 2.3086, 3.2823,
0.0000

■ 114.9628,
131.6680, 53.5717

■ 0.7991, 1.2808,
0.0000

■ 145.1864,
165.2439, 73.1077

■ 0.0000, 0.1263,
0.0000

■ 180.2910,

■ 0.0000, 0.0000,

204.0914, 96.8951

0.0000

220.6418,
248.5950, 125.3525

24.2713, 29.4088,
5.0133

24.2713, 29.4088,
5.0133

24.1322, 29.3494,
4.4996

24.4901, 29.5023,
5.9405

24.1016, 29.3360,
4.3921

24.8068, 29.6339,
7.3860

25.2337, 29.8096,
9.4111

25.7807, 30.0334,
12.0683

26.4566, 30.3087,
15.4041

■ 27.2696, 30.6388,
19.4608

■ 28.2268, 31.0267,
24.2772

■ 29.3353, 31.4751,
29.8891

■ 30.6013, 31.9864,
36.3305

Harmonies

Analogous

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



32.5796, 29.4088, 5.1341



24.2713, 29.4088, 5.0133



18.2785, 29.4088, 9.1310

Triad

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



24.2713, 29.4088, 5.0133



17.9835, 29.4088, 75.3441



46.2417, 29.4088, 46.3229

Complementary

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



24.2713, 29.4088, 5.0133



6.2926, 2.9256, 30.3719

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.



40.5492, 29.4088, 77.3565



24.2713, 29.4088, 5.0133



23.7851, 29.4088, 98.9876

Square

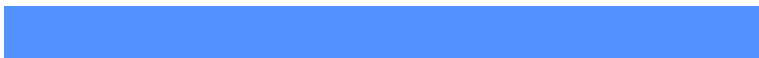
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.2713, 29.4088, 5.0133



15.1644, 29.4088, 44.3806



31.9876, 29.4088, 99.8660



46.4436, 29.4088, 22.2001

Rectangle

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



24.2713, 29.4088, 5.0133



15.9353, 29.4088, 15.8900



31.9876, 29.4088, 99.8660



44.8630, 29.4088, 56.4882

Sweetspot

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



24.2720, 29.4102, 5.0139



49.0035, 54.9362, 35.7013



13.4883, 7.2858, 1.3118



10.7114, 12.0862, 7.3370



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2720, 29.4102, 5.0139



43.1457, 52.5265, 7.8646



15.3478, 24.8096, 4.5963



6.6998, 7.2182, 6.6460



19.9210, 24.2456, 3.6299



0.3003, 0.3638, 0.0544

Inverse Universe

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



6.2926, 2.9256, 30.3719



10.3344, 4.1381, 54.2260



9.8214, 4.7448, 30.5370



5.8926, 6.0305, 7.7824



4.7783, 1.9144, 25.0254



0.0734, 0.0296, 0.3742

Previews

White Background



This preview shows how the XYZ color 24.2713, 29.4088, 5.0133 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 24.2713, 29.4088, 5.0133 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 24.2713, 29.4088, 5.0133

Background



This preview shows how black text looks on a background with the XYZ color 24.2713, 29.4088, 5.0133.



This preview shows how white text looks on a background with the XYZ color 24.2713, 29.4088,

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

24.2713, 29.4088, 5.0133

Protanopia

26.4170, 29.3273, 4.7987

Deuteranopia

29.8496, 29.2840, 5.2415



Tritanopia

30.1207, 29.2230, 34.1901

Trichromacy



Original Color

24.2713, 29.4088, 5.0133

Protanomaly

25.7135, 29.4334, 4.8982

Deuteranomaly

27.5344, 29.2052, 5.1057

Tritanomaly

26.6822, 28.7253, 17.2349

Monochromacy



Original Color

24.2713, 29.4088, 5.0133

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9982, 26.2039, 14.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2713, 29.4088, 5.0133 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(151, 153, 19)` looks like.

```
.text, #text, p{  
    color:rgb(151, 153, 19)  
}
```

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(151, 153, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 153, 19) }
```

Border

The CSS property to change the border of an element to XYZ 24.2713, 29.4088, 5.0133 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(151, 153, 19) }
```


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

```
.border{ border-color:rgb(151, 153, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 153, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 153, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 153, 19);  
box-shadow:4px 4px 4px 4px rgb(151, 153,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2713, 29.4088, 5.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 153, 19) }
```

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

```
.background{ background-color: rgb(151,  
153, 19) }
```

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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