

Converting Colors

XYZ(21.0674, 25.0615, 5.4438)

Have a look what the booklet for
XYZ(21.0674, 25.0615, 5.4438)
contains.

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Color

**XYZ(21.0141, 24.9341,
5.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8D25
RGB	142, 141, 37
RGB Percent	56%, 55%, 15%
CMY	0.4431, 0.4470, 0.8549
CMYK	0.00, 0.01, 0.74, 0.44
HSL	59°, 59%, 35%
HSV	59°, 74%, 56%
XYZ	21.0141, 24.9341, 5.4555
YIQ	129.4430, 33.9800, -32.1320

Conversions

Conversions Part 2

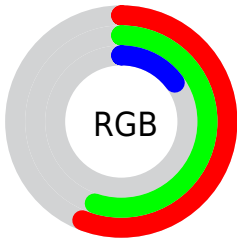
Format	Color
R_{YB}	38, 142, 37
Decimal	9342245
CIE Lab	57.01, -12.36, 52.15
CIE LCh	57, 53.595, 103.338
Yxy	24.9341, 0.4088, 0.4851
Android (android.graphics.Color)	4287532325 (0xFF8E8D25)
YUV	129.4430, -45.5744, 11.0125
Hunter-Lab	49.9341, -12.2652, 28.4762

Details

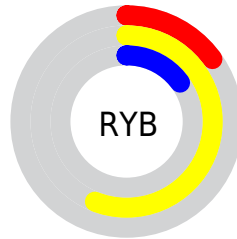
The XYZ color **21.0141, 24.9341, 5.4555** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.3386, 3.7326, 25.9773**, and the grayscale version is **21.1693, 22.2717, 24.2539**.

A 20% lighter version of the original color is **44.4260, 51.3275, 17.2386**, and **7.7656, 9.5569, 1.4354** is the 20% darker color. If you saturate the color by 10%, you get **20.8135, 24.8231, 4.4947**, and if you desaturate by 10%, it is **21.3026, 25.0822, 6.8742**.

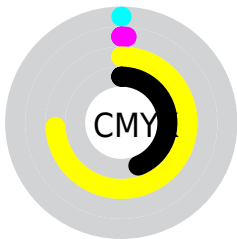
Distribution



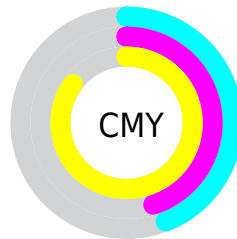
- Red (56%)
- Green (55%)
- Blue (15%)



- Red (15%)
- Yellow (56%)
- Blue (15%)



- Cyan (0%)
- Magenta (1%)
- Yellow (74%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0141, 24.9341, 5.4555 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 21.0141, 24.9341, 5.4555 by changing the saturation by 10% instead.

■ 21.0141, 24.9341,
5.4555

■ 21.0141, 24.9341,
5.4555

250.0837,
277.5096, 163.2418

■ 13.2468, 16.0280,
2.4535

■ 44.6021, 51.5503,
17.2475

■ 7.6769, 9.5439,
0.8154

■ 61.1535, 70.0291,
26.8747

■ 3.9390, 5.0976,
0.0000

■ 81.3637, 92.4677,
39.5474

■ 1.6677, 2.3047,
0.0000

■ 105.5981,
119.2503, 55.6840

■ 0.4359, 0.7762,
0.0000

■ 134.2219,
150.7614, 75.7033

■ 0.0000, 0.0000,
0.0000

■ 167.6005,

187.3854, 100.0236

206.0993,
229.5067, 129.0636

■ 21.0141, 24.9341,
5.4555

■ 21.0141, 24.9341,
5.4555

■ 20.8135, 24.8231,
4.4947

■ 21.3026, 25.0822,
6.8742

■ 20.6882, 24.7412,
3.9322

■ 21.6863, 25.2675,
8.7968

■ 20.6290, 24.6984,
3.6800

■ 22.1737, 25.4943,
11.2652

■ 22.7719, 25.7655,
14.3166

■ 23.4872, 26.0835,
17.9852

■ 24.3257, 26.4509,
22.3021

■ 25.2929, 26.8698,
27.2966

■ 26.3940, 27.3423,
32.9962

■ 27.6340, 27.8704,
39.4267

Harmonies

Analogous

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



27.3431, 24.9341, 5.6360



21.0141, 24.9341, 5.4555



16.3227, 24.9341, 8.9318

Triad

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



21.0141, 24.9341, 5.4555



15.9384, 24.9341, 58.5792



37.2944, 24.9341, 38.3548

Complementary

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



21.0141, 24.9341, 5.4555



6.3386, 3.7326, 25.9773

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.



33.0181, 24.9341, 60.9862



21.0141, 24.9341, 5.4555



20.3942, 24.9341, 75.7625

Square

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



21.0141, 24.9341, 5.4555



13.7620, 24.9341, 35.9604



26.6036, 24.9341, 76.7990



37.5408, 24.9341, 19.9092

Rectangle

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



21.0141, 24.9341, 5.4555



14.4417, 24.9341, 14.3721



26.6036, 24.9341, 76.7990



36.2502, 24.9341, 45.8714

Sweetspot

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



21.0147, 24.9353, 5.4560



41.6235, 46.0871, 32.7712



12.1791, 7.2190, 2.6497



9.2253, 10.2622, 6.9525



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.0147, 24.9353, 5.4560



36.5379, 43.6691, 7.1742



14.3461, 21.7163, 5.1862



5.8352, 6.2768, 5.7934



18.5228, 22.1773, 3.3044



0.1780, 0.2139, 0.0319

Inverse Universe

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



6.3386, 3.7326, 25.9773



9.1844, 4.1588, 45.4465



9.5452, 5.3390, 26.1183



5.1334, 5.2627, 6.7740



4.3977, 1.7813, 23.0891



0.0427, 0.0183, 0.2210

Previews

White Background



This preview shows how the XYZ color 21.0141, 24.9341, 5.4555 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 21.0141, 24.9341, 5.4555 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 21.0141, 24.9341, 5.4555

Background



This preview shows how black text looks on a background with the XYZ color 21.0141, 24.9341, 5.4555.



This preview shows how white text looks on a background with the XYZ color 21.0141, 24.9341,

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

21.0141, 24.9341, 5.4555

Protanopia

22.5905, 24.8887, 5.2824

Deuteranopia

25.1951, 24.7904, 5.6476



Tritanopia

25.8962, 25.0348, 29.0585

Trichromacy



Original Color

21.0141, 24.9341, 5.4555

Protanomaly

21.9846, 24.7884, 5.2950

Deuteranomaly

23.4053, 24.6770, 5.5370

Tritanomaly

23.3754, 24.6233, 16.6175

Monochromacy



Original Color

21.0141, 24.9341, 5.4555

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.3304, 22.6879, 14.3740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0141, 24.9341, 5.4555 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(142, 141, 37)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 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(142, 141, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 37) }
```

Border

The CSS property to change the border of an element to XYZ 21.0141, 24.9341, 5.4555 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(142, 141, 37) }
```


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

```
.border{ border-color:rgb(142, 141, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 141, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 37);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0141, 24.9341, 5.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 37) }
```

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

```
.background{ background-color: rgb(142,  
141, 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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