

Converting Colors

XYZ(21.3835, 25.0426, 9.1755)

Have a look what the booklet for
XYZ(21.3835, 25.0426, 9.1755)
contains.

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Color

**XYZ(21.3835, 25.0426,
9.1755)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8D44
RGB	140, 141, 68
RGB Percent	55%, 55%, 27%
CMY	0.4510, 0.4470, 0.7333
CMYK	0.01, 0.00, 0.52, 0.45
HSL	61°, 35%, 41%
HSV	61°, 52%, 55%
XYZ	21.3835, 25.0426, 9.1755
YIQ	132.3790, 22.8370, -22.9150

Conversions

Conversions Part 2

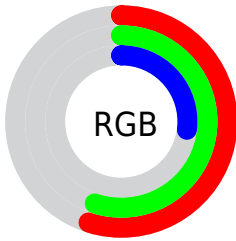
Format	Color
R_{YB}	68, 141, 69
Decimal	9211204
CIE Lab	57.12, -11.06, 38.38
CIE LCh	57, 39.941, 106.074
Yxy	25.0426, 0.3846, 0.4504
Android (android.graphics.Color)	4287401284 (0xFF8C8D44)
YUV	132.3790, -31.7388, 6.6836
Hunter-Lab	50.0426, -11.3004, 24.1588

Details

The XYZ color **21.3835, 25.0426, 9.1755** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.3299, 7.3231, 26.1226**, and the grayscale version is **22.1750, 23.3299, 25.4062**.

A 20% lighter version of the original color is **45.0675, 51.4937, 24.7035**, and **7.8831, 9.6039, 2.0543** is the 20% darker color. If you saturate the color by 10%, you get **20.9715, 24.8750, 7.1739**, and if you desaturate by 10%, it is **21.9003, 25.2540, 11.7233**.

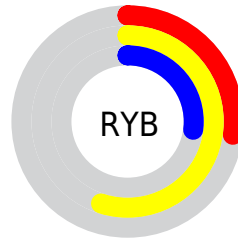
Distribution



Red (55%)

Green (55%)

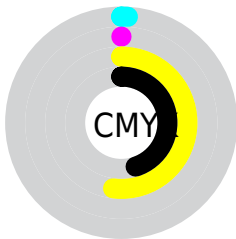
Blue (27%)



Red (27%)

Yellow (55%)

Blue (27%)

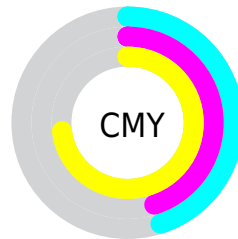


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3835, 25.0426, 9.1755 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 21.3835, 25.0426, 9.1755 by changing the saturation by 10% instead.

■ 21.3835, 25.0426,
9.1755

■ 21.3835, 25.0426,
9.1755

252.0029,
278.0500, 194.9478

■ 13.5187, 16.1088,
4.7575

■ 45.2114, 51.7263,
24.8158

■ 7.8661, 9.6012,
2.0494

■ 61.9052, 70.2450,
36.8751

■ 4.0605, 5.1353,
0.5854

■ 82.2727, 92.7275,
52.3186

■ 1.7364, 2.3269,
0.0000

■ 106.6792,
119.5581, 71.5649

■ 0.4789, 0.7879,
0.0000

■ 135.4901,
151.1213, 95.0324

■ 0.0000, 0.0000,
0.0000

169.0708,

187.8014, 123.1397

207.7866,
229.9828, 156.3053

■ 21.3835, 25.0426,
9.1755

■ 21.3835, 25.0426,
9.1755

■ 20.9715, 24.8750,
7.1739

■ 21.9003, 25.2540,
11.7233

■ 20.6550, 24.7446,
5.6773

■ 22.5268, 25.5084,
14.8517

■ 20.4260, 24.6492,
4.6410

■ 23.2700, 25.8095,
18.5938

■ 20.2743, 24.5848,
4.0119

■ 24.1355, 26.1595,
22.9801

■ 20.1837, 24.5454,
3.6740

■ 25.1288, 26.5606,
28.0388

■ 26.2550, 27.0149,
33.7966

■ 27.5187, 27.5242,
40.2786

■ 28.9245, 28.0903,
47.5088

■ 30.4768, 28.7151,
55.5101

Harmonies

Analogous

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



26.0473, 25.0426, 9.0544



21.3835, 25.0426, 9.1755



17.8612, 25.0426, 12.9498

Triad

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



21.3835, 25.0426, 9.1755



18.0600, 25.0426, 50.5174



33.7106, 25.0426, 33.9924

Complementary

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



21.3835, 25.0426, 9.1755



9.3299, 7.3231, 26.1226

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.



30.9331, 25.0426, 49.4883



21.3835, 25.0426, 9.1755



21.6900, 25.0426, 60.9517

Square

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



21.3835, 25.0426, 9.1755



16.1224, 25.0426, 35.0910



26.3968, 25.0426, 60.5228



33.6000, 25.0426, 20.7023

Rectangle

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



21.3835, 25.0426, 9.1755



16.4515, 25.0426, 18.0489



26.3968, 25.0426, 60.5228



33.0695, 25.0426, 39.1866

Sweetspot

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



21.3841, 25.0437, 9.1760



42.4840, 46.5469, 37.4151



14.0959, 10.2149, 6.6979



9.4278, 10.3717, 8.0470



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.



21.3841, 25.0437, 9.1760



37.4552, 44.5035, 12.3720



16.3364, 22.4416, 8.9398



5.8323, 6.2817, 5.7945



18.4038, 22.3801, 3.3498



0.1775, 0.2148, 0.0321

Inverse Universe

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



9.3299, 7.3231, 26.1226



13.4086, 9.1475, 46.1868



12.6427, 9.0309, 26.2777



5.1360, 5.2583, 6.7730



4.4070, 1.7655, 23.0856



0.0432, 0.0174, 0.2208

Previews

White Background



This preview shows how the XYZ color 21.3835, 25.0426, 9.1755 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 21.3835, 25.0426, 9.1755 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 21.3835, 25.0426, 9.1755

Background



This preview shows how black text looks on a background with the XYZ color 21.3835, 25.0426, 9.1755.



This preview shows how white text looks on a background with the XYZ color 21.3835, 25.0426,

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

21.3835, 25.0426, 9.1755

Protanopia

22.9077, 24.9720, 8.9229

Deuteranopia

25.4021, 25.0124, 9.4503



Tritanopia

25.5582, 25.0541, 29.4755

Trichromacy



Original Color

21.3835, 25.0426, 9.1755

Protanomaly

22.3143, 24.8781, 8.9361

Deuteranomaly

23.8700, 25.0392, 9.3693

Tritanomaly

23.6336, 24.8890, 20.0814

Monochromacy



Original Color

21.3835, 25.0426, 9.1755

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4160, 23.5830, 17.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3835, 25.0426, 9.1755 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(140, 141, 68)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 68)  
}
```

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(140, 141, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 68) }
```

Border

The CSS property to change the border of an element to XYZ 21.3835, 25.0426, 9.1755 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(140, 141, 68) }
```


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

```
.border{ border-color:rgb(140, 141, 68) }
```

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

Here you see how a box with a 4 pixel rgb(140, 141, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 68);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3835, 25.0426, 9.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 68) }
```

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

```
.background{ background-color: rgb(140,  
141, 68) }
```

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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