

Converting Colors

XYZ(21.4673, 25.5593, 5.8081)

Have a look what the booklet for
XYZ(21.4673, 25.5593, 5.8081)
contains.

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Color

**XYZ(21.5332, 25.6378,
5.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8F28
RGB	143, 143, 40
RGB Percent	56%, 56%, 16%
CMY	0.4392, 0.4392, 0.8431
CMYK	0.00, 0.00, 0.72, 0.44
HSL	60°, 56%, 36%
HSV	60°, 72%, 56%
XYZ	21.5332, 25.6378, 5.8211
YIQ	131.2580, 33.0630, -32.0330

Conversions

Conversions Part 2

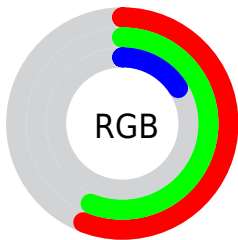
Format	Color
R_{YB}	40, 143, 40
Decimal	9408296
CIE _{Lab}	57.69, -12.83, 51.71
CIE _{LCh}	58, 53.279, 103.932
Yxy	25.6378, 0.4063, 0.4838
Android (android.graphics.Color)	4287598376 (0xFF8F8F28)
YUV	131.2580, -44.9902, 10.2977
Hunter-Lab	50.6338, -12.6978, 28.6274

Details

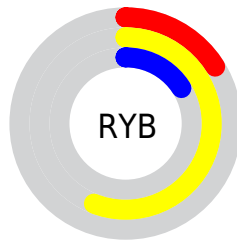
The XYZ color **21.5332, 25.6378, 5.8211** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.5925, 3.9523, 26.4036**, and the grayscale version is **21.8140, 22.9501, 24.9926**.

A 20% lighter version of the original color is **45.4952, 52.8649, 18.1620**, and **8.0342, 9.9525, 1.4976** is the 20% darker color. If you saturate the color by 10%, you get **21.3338, 25.5590, 4.7689**, and if you desaturate by 10%, it is **21.8238, 25.7550, 7.3485**.

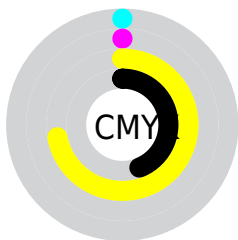
Distribution



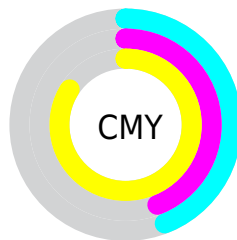
- Red (56%)
- Green (56%)
- Blue (16%)



- Red (16%)
- Yellow (56%)
- Blue (16%)



- Cyan (0%)
- Magenta (0%)
- Yellow (72%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5332, 25.6378, 5.8211 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 21.5332, 25.6378, 5.8211 by changing the saturation by 10% instead.

■ 21.5332, 25.6378,
5.8211

■ 21.5332, 25.6378,
5.8211

252.7772,
280.9995, 166.7140

■ 13.6290, 16.5529,
2.6696

■ 45.4579, 52.6900,
18.0296

■ 7.9430, 9.9162,
0.9281

■ 62.2091, 71.4262,
27.9237

■ 4.1100, 5.3434,
0.0000

■ 82.6399, 94.1481,
40.9024

■ 1.7646, 2.4501,
0.0000

■ 107.1158,
121.2403, 57.3843

■ 0.4962, 0.8515,
0.0000

■ 136.0022,
153.0872, 77.7878

■ 0.0000, 0.0000,
0.0000

■ 169.6643,

190.0731, 102.5316

208.4675,
232.5824, 132.0341

■ 21.5332, 25.6378,
5.8211

■ 21.5332, 25.6378,
5.8211

■ 21.3338, 25.5590,
4.7689

■ 21.8238, 25.7550,
7.3485

■ 21.2133, 25.5108,
4.1350

■ 22.2129, 25.9106,
9.3965

■ 21.1505, 25.4856,
3.8045

■ 22.7087, 26.1090,
12.0069

■ 23.3184, 26.3529,
15.2170

■ 24.0484, 26.6449,
19.0607

■ 24.9047, 26.9874,
23.5694

■ 25.8929, 27.3827,
28.7726

■ 27.0182, 27.8328,
34.6979

■ 28.2856, 28.3398,
41.3713

Harmonies

Analogous

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



27.9218, 25.6378, 5.9410



21.5332, 25.6378, 5.8211



16.8121, 25.6378, 9.4935

Triad

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



21.5332, 25.6378, 5.8211



16.5611, 25.6378, 60.0562



38.1522, 25.6378, 38.8065

Complementary

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



21.5332, 25.6378, 5.8211



6.5925, 3.9523, 26.4036

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.



33.9039, 25.6378, 61.6117



21.5332, 25.6378, 5.8211



21.1293, 25.6378, 77.0854

Square

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



21.5332, 25.6378, 5.8211



14.2990, 25.6378, 37.2531



27.4412, 25.6378, 77.7541



38.3119, 25.6378, 20.2848

Rectangle

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



21.5332, 25.6378, 5.8211



14.9295, 25.6378, 15.1523



27.4412, 25.6378, 77.7541



37.1256, 25.6378, 46.3653

Sweetspot

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



21.5338, 25.6390, 5.8216



43.0023, 47.6892, 33.8062



12.4703, 7.5110, 2.8003



9.7856, 10.9059, 7.3537



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.5338, 25.6390, 5.8216



38.0622, 45.7130, 7.7983



14.5703, 22.0492, 5.4957



5.8395, 6.2854, 5.7948



18.6998, 22.5327, 3.3637



0.1788, 0.2154, 0.0322

Inverse Universe

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



6.5925, 3.9523, 26.4036



9.6774, 4.5136, 46.8992



10.0813, 5.7509, 26.5669



5.1296, 5.2550, 6.7727



4.3838, 1.7535, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 21.5332, 25.6378, 5.8211 looks on a white background.

Color Contrast Check

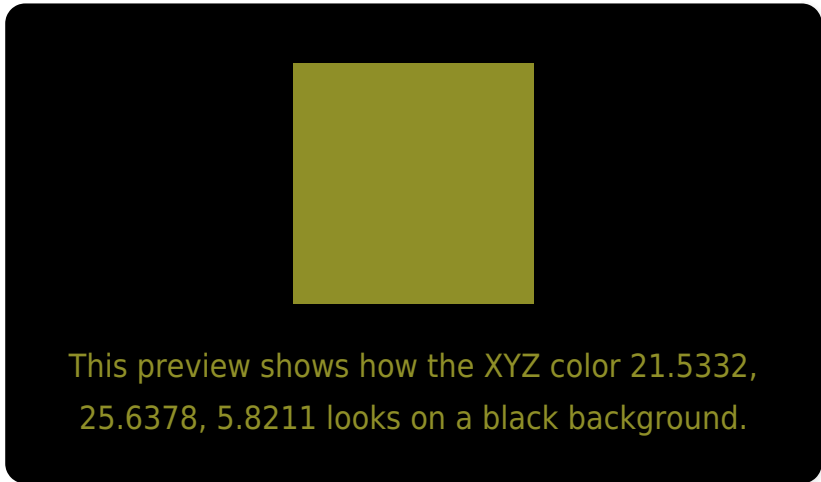
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 21.5332, 25.6378, 5.8211

Background



This preview shows how black text looks on a background with the XYZ color 21.5332, 25.6378, 5.8211.



This preview shows how white text looks on a background with the XYZ color 21.5332, 25.6378,

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

21.5332, 25.6378, 5.8211

Protanopia

23.1164, 25.5803, 5.6386

Deuteranopia

25.9585, 25.5762, 6.0512



Tritanopia

26.3705, 25.4641, 29.9107

Trichromacy



Original Color

21.5332, 25.6378, 5.8211

Protanomaly

22.5068, 25.4820, 5.6517

Deuteranomaly

24.1405, 25.4641, 5.9282

Tritanomaly

23.9416, 25.3215, 17.2613

Monochromacy



Original Color

21.5332, 25.6378, 5.8211

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8603, 23.3607, 14.9649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5332, 25.6378, 5.8211 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(143, 143, 40)` looks like.

```
.text, #text, p{  
    color:rgb(143, 143, 40)  
}
```

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(143, 143, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 143, 40) }
```

Border

The CSS property to change the border of an element to XYZ 21.5332, 25.6378, 5.8211 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(143, 143, 40) }
```


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

```
.border{ border-color:rgb(143, 143, 40) }
```

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

Here you see how a box with a 4 pixel rgb(143, 143, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 143, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 143, 40);  
box-shadow:4px 4px 4px 4px rgb(143, 143,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5332, 25.6378, 5.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 143, 40) }
```

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

```
.background{ background-color: rgb(143,  
143, 40) }
```

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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