

Converting Colors

XYZ(21.4350, 23.8263, 7.3402)

Have a look what the booklet for
XYZ(21.4350, 23.8263, 7.3402)
contains.

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Color

**XYZ(21.4351, 23.8264,
7.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	938739
RGB	147, 135, 57
RGB Percent	58%, 53%, 22%
CMY	0.4235, 0.4706, 0.7765
CMYK	0.00, 0.08, 0.61, 0.42
HSL	52°, 44%, 40%
HSV	52°, 61%, 58%
XYZ	21.4351, 23.8264, 7.3401
YIQ	129.6960, 32.1900, -21.7140

Conversions

Conversions Part 2

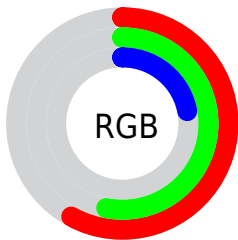
Format	Color
R_{YB}	71, 147, 57
Decimal	9668409
CIE _{Lab}	55.91, -5.63, 42.59
CIE _{LCh}	56, 42.962, 97.527
Yxy	23.8264, 0.4075, 0.4530
Android (android.graphics.Color)	4287858489 (0xFF938739)
YUV	129.6960, -35.8391, 15.1756
Hunter-Lab	48.8123, -7.0362, 25.2529

Details

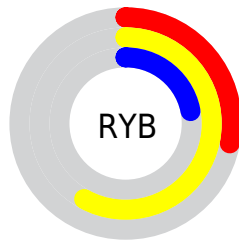
The XYZ color **21.4351, 23.8264, 7.3401** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.0819, 7.2325, 28.5209**, and the grayscale version is **21.2258, 22.3312, 24.3187**.

A 20% lighter version of the original color is **45.2657, 49.7245, 21.1219**, and **7.9603, 9.0418, 1.4118** is the 20% darker color. If you saturate the color by 10%, you get **20.8496, 23.1597, 5.5903**, and if you desaturate by 10%, it is **22.1330, 24.5479, 9.6518**.

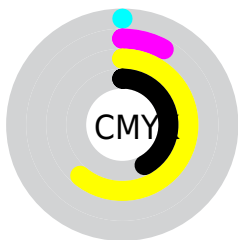
Distribution



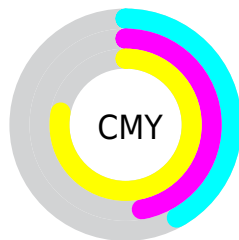
- Red (58%)
- Green (53%)
- Blue (22%)



- Red (28%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (61%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4351, 23.8264, 7.3401 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 21.4351, 23.8264, 7.3401 by changing the saturation by 10% instead.

21.4351, 23.8264,
7.3401

21.4351, 23.8264,
7.3401

252.2700,
271.9416, 180.1973

13.5567, 15.2049,
3.5940

45.2964, 49.7468,
21.1786

7.8926, 8.9633,
1.4054

62.0100, 67.8144,
32.1081

4.0775, 4.7173,
0.1459

82.3993, 89.7996,
46.2693

1.7461, 2.0823,
0.0000

106.8298,
116.0866, 64.0805

0.4849, 0.6547,
0.0000

135.6668,
147.0599, 85.9603

0.0000, 0.0000,
0.0000

169.2755,

183.1040, 112.3274

208.0215,
224.6031, 143.6002

■ 21.4351, 23.8264,
7.3401

■ 21.4351, 23.8264,
7.3401

■ 20.8496, 23.1597,
5.5903

■ 22.1330, 24.5479,
9.6518

■ 20.3652, 22.5405,
4.3512

■ 22.9499, 25.3243,
12.5678

■ 19.9714, 21.9656,
3.5647

■ 23.8940, 26.1596,
16.1281

■ 19.6745, 21.4869,
3.1104

■ 24.9721, 27.0567,
20.3690

■ 26.1906, 28.0181,
25.3239

■ 27.5554, 29.0464,
31.0240

■ 29.0722, 30.1438,
37.4988

■ 30.7463, 31.3124,
44.7762

■ 32.5827, 32.5544,
52.8824

Harmonies

Analogous

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



26.4397, 23.8264, 8.1507



21.4351, 23.8264, 7.3401



17.3812, 23.8264, 9.8947

Triad

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



21.4351, 23.8264, 7.3401



15.9693, 23.8264, 46.0806



32.5094, 23.8264, 37.6768

Complementary

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



21.4351, 23.8264, 7.3401



9.0819, 7.2325, 28.5209

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.



28.8799, 23.8264, 53.7452



21.4351, 23.8264, 7.3401



19.2342, 23.8264, 59.6926

Square

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



21.4351, 23.8264, 7.3401



14.5351, 23.8264, 29.6381



23.9022, 23.8264, 62.9132



33.3228, 23.8264, 22.5683

Rectangle

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



21.4351, 23.8264, 7.3401



15.5950, 23.8264, 13.9906



23.9022, 23.8264, 62.9132



31.5553, 23.8264, 43.2824

Sweetspot

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



21.4357, 23.8275, 7.3406



45.3183, 48.9344, 38.8768



14.5700, 9.5592, 6.7077



10.2170, 11.0677, 8.3593



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.4357, 23.8275, 7.3406



37.0354, 41.1033, 9.1879



18.1117, 24.7402, 7.6919



6.2002, 6.6142, 6.1903



17.0698, 18.6540, 2.7009



0.2236, 0.2577, 0.0380

Inverse Universe

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



9.0819, 7.2325, 28.5209



13.0347, 8.9042, 50.4663



10.9462, 7.2068, 28.4177



5.5581, 5.7503, 7.2867



4.7878, 2.2705, 24.1169



0.0706, 0.0519, 0.2992

Previews

White Background



This preview shows how the XYZ color 21.4351, 23.8264, 7.3401 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 21.4351, 23.8264, 7.3401 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 21.4351, 23.8264, 7.3401

Background



This preview shows how black text looks on a background with the XYZ color 21.4351, 23.8264, 7.3401.



This preview shows how white text looks on a background with the XYZ color 21.4351, 23.8264,

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

21.4351, 23.8264, 7.3401

Protanopia

21.6580, 23.7352, 7.3107

Deuteranopia

24.2345, 23.8611, 7.4660



Tritanopia

25.4312, 23.8549, 26.9310

Trichromacy



Original Color

21.4351, 23.8264, 7.3401

Protanomaly

21.4764, 23.6415, 7.3022

Deuteranomaly

23.1781, 23.9090, 7.3963

Tritanomaly

23.4519, 23.6273, 17.5118

Monochromacy



Original Color

21.4351, 23.8264, 7.3401

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.8528, 22.7160, 16.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4351, 23.8264, 7.3401 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(147, 135, 57)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 57)  
}
```

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(147, 135, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 57) }
```

Border

The CSS property to change the border of an element to XYZ 21.4351, 23.8264, 7.3401 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(147, 135, 57) }
```


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

```
.border{ border-color:rgb(147, 135, 57) }
```

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

Here you see how a box with a 4 pixel rgb(147, 135, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 57);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4351, 23.8264, 7.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 57) }
```

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

```
.background{ background-color: rgb(147,  
135, 57) }
```

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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