

Converting Colors

XYZ(43.6404, 51.7320, 41.4034)

Have a look what the booklet for
XYZ(43.6404, 51.7320, 41.4034)
contains.

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Color

**XYZ(43.6404, 51.7320,
41.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC6A1
RGB	172, 198, 161
RGB Percent	67%, 78%, 63%
CMY	0.3255, 0.2235, 0.3686
CMYK	0.13, 0.00, 0.19, 0.22
HSL	102°, 25%, 70%
HSV	102°, 19%, 78%
XYZ	43.6404, 51.7320, 41.4034
YIQ	186.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

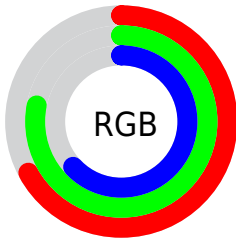
Format	Color
RYB	161, 198, 187
Decimal	11323041
CIELab	77.12, -15.65, 15.66
CIElCh	77, 22.135, 134.984
Yxy	51.7320, 0.3191, 0.3782
Android (android.graphics.Color)	4289513121 (0xFFACC6A1)
YUV	186.0080, -12.3289, -12.2850
Hunter-Lab	71.9250, -17.5640, 16.2174

Details

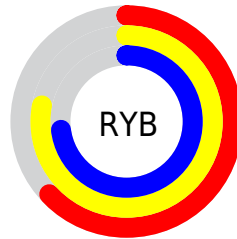
The XYZ color **43.6404, 51.7320, 41.4034** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.4334, 40.1331, 58.8860**, and the grayscale version is **46.7461, 49.1806, 53.5576**.

A 20% lighter version of the original color is **80.1496, 92.9718, 78.6868**, and **20.3413, 24.9726, 18.2161** is the 20% darker color. If you saturate the color by 10%, you get **39.1354, 49.5971, 32.7884**, and if you desaturate by 10%, it is **48.7445, 54.1468, 51.4919**.

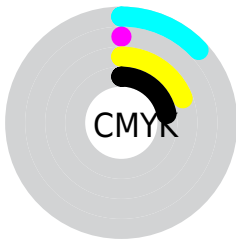
Distribution



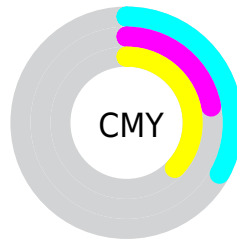
- Red (67%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (33%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6404, 51.7320, 41.4034 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 43.6404, 51.7320, 41.4034 by changing the saturation by 10% instead.


 43.6404, 51.7320,
41.4034


 43.6404, 51.7320,
41.4034


352.1159,
393.4011, 367.7303

 30.5846, 36.7915,
28.3124


 79.9261, 92.7359,
78.5562

 20.4330, 25.0461,
18.3202

 103.8866,
119.5680, 103.4550

 12.8203, 16.1114,
11.0083


132.2128,
151.1329, 133.1269

 7.3811, 9.6030,
5.9582

165.2700,
187.8148, 167.9903

 3.7500, 5.1366,
2.7513

203.4236,
229.9982, 208.4638

 1.5617, 2.3276,
0.9691

247.0388,

 0.3672, 0.7883,

278.0674, 254.9659

0.0000

296.4811,
332.4069, 307.9152

■ 0.0000, 0.0000,
0.0000

■ 43.6404, 51.7320,
41.4034

■ 43.6404, 51.7320,
41.4034

■ 39.1354, 49.5971,
32.7884

■ 48.7445, 54.1468,
51.4919

■ 35.2026, 47.7253,
25.5748

■ 54.4651, 56.8445,
63.1150

■ 31.8191, 46.1078,
19.6894

■ 60.8239, 59.8366,
76.3342

■ 28.9586, 44.7329,
15.0508

■ 67.8404, 63.1318,
91.2067

■ 26.5928, 43.5879,
11.5691

■ 74.7169, 66.4121,
103.4885

■ 24.6899, 42.6587,
9.1419

■ 79.4851, 68.8702,
103.7117

■ 23.2142, 41.9294,
7.6490

■ 22.1145, 41.3780,
6.8958

■ 21.9904, 41.3157,
6.8157

Harmonies

Analogous

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



47.0963, 51.7320, 36.6861



43.6404, 51.7320, 41.4034



41.7237, 51.7320, 50.5041

Triad

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



43.6404, 51.7320, 41.4034



47.0920, 51.7320, 81.9589



57.4541, 51.7320, 50.5161

Complementary

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



43.6404, 51.7320, 41.4034



43.4334, 40.1331, 58.8860

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.



57.4527, 51.7320, 62.5819



43.6404, 51.7320, 41.4034



51.3031, 51.7320, 81.9634

Square

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



43.6404, 51.7320, 41.4034



43.6374, 51.7320, 74.4539



55.1474, 51.7320, 74.4652



55.1510, 51.7320, 41.4111

Rectangle

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



43.6404, 51.7320, 41.4034



41.5027, 51.7320, 58.3756



55.1474, 51.7320, 74.4652



57.7272, 51.7320, 54.3276

Sweetspot

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



43.6418, 51.7342, 41.4045



88.8380, 97.0710, 96.2589



47.4729, 50.0794, 40.8832



18.8756, 20.7114, 20.3221



0.0000, 0.0000, 0.0000



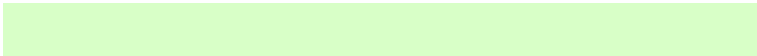
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6418, 51.7342, 41.4045



74.2511, 90.1734, 67.4637



41.9988, 50.8096, 44.8362



10.7889, 12.0381, 11.3177



14.3760, 26.9064, 4.4358



0.7548, 1.3122, 0.2135

Inverse Universe

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



43.4334, 40.1331, 58.8860



73.8190, 66.2540, 103.5054



45.3954, 41.2409, 54.6296



10.7642, 10.6522, 13.4062



13.6579, 6.2751, 35.2357



0.7169, 0.3333, 1.6717

Previews

White Background



This preview shows how the XYZ color 43.6404, 51.7320, 41.4034 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 43.6404, 51.7320, 41.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

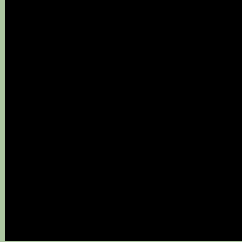
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6404, 51.7320, 41.4034

Background



This preview shows how black text looks on a background with the XYZ color 43.6404, 51.7320, 41.4034.



This preview shows how white text looks on a background with the XYZ color 43.6404, 51.7320,

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

43.6404, 51.7320, 41.4034

Protanopia

48.5867, 51.6787, 39.3125

Deuteranopia

52.5478, 51.4527, 42.2838



Tritanopia

48.7025, 51.7880, 66.4607

Trichromacy



Original Color

43.6404, 51.7320, 41.4034

Protanomaly

46.4767, 51.5557, 39.8494

Deuteranomaly

48.6815, 51.0283, 41.9340

Tritanomaly

46.4905, 51.5314, 56.2114

Monochromacy



Original Color

43.6404, 51.7320, 41.4034

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.4053, 49.8250, 48.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6404, 51.7320, 41.4034 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(172, 198, 161)` looks like.

```
.text, #text, p{  
    color:rgb(172, 198, 161)  
}
```

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(172, 198, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 198, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.6404, 51.7320, 41.4034 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(172, 198, 161) }
```


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

```
.border{ border-color:rgb(172, 198, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 198, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 198, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 198, 161);  
box-shadow:4px 4px 4px 4px rgb(172, 198,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6404, 51.7320, 41.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 198, 161) }
```

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

```
.background{ background-color: rgb(172,  
198, 161) }
```

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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