

Converting Colors

XYZ(43.7130, 57.4244, 46.5237)

Have a look what the booklet for
XYZ(43.7130, 57.4244, 46.5237)
contains.

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Color

**XYZ(43.6024, 57.3473,
46.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	95D6A9
RGB	149, 214, 169
RGB Percent	58%, 84%, 66%
CMY	0.4157, 0.1608, 0.3372
CMYK	0.30, 0.00, 0.21, 0.16
HSL	138°, 44%, 71%
HSV	138°, 30%, 84%
XYZ	43.6024, 57.3473, 46.3072
YIQ	189.4350, -24.2950, -27.7750

Conversions

Conversions Part 2

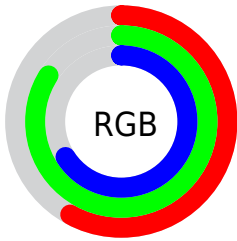
Format	Color
RYB	149, 199, 214
Decimal	9819817
CIELab	80.37, -29.79, 15.76
CIELCh	80, 33.698, 152.118
Yxy	57.3473, 0.2961, 0.3894
Android (android.graphics.Color)	4288009897 (0xFF95D6A9)
YUV	189.4350, -10.0745, -35.4615
Hunter-Lab	75.7280, -29.7479, 16.7541

Details

The XYZ color **43.6024, 57.3473, 46.3072** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.2185, 39.6873, 56.1601**, and the grayscale version is **48.6861, 51.2215, 55.7802**.

A 20% lighter version of the original color is **74.3914, 89.8810, 83.9489**, and **20.4329, 28.5674, 21.2668** is the 20% darker color. If you saturate the color by 10%, you get **38.7381, 54.9930, 39.2262**, and if you desaturate by 10%, it is **49.3448, 60.1393, 54.2546**.

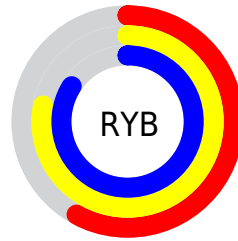
Distribution



Red (58%)

Green (84%)

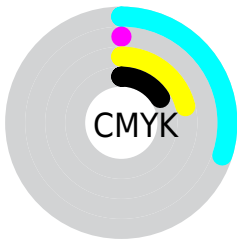
Blue (66%)



Red (58%)

Yellow (78%)

Blue (84%)

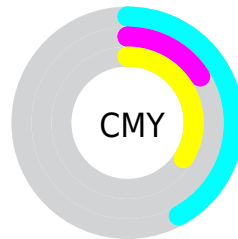


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (42%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6024, 57.3473, 46.3072 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 43.6024, 57.3473, 46.3072 by changing the saturation by 10% instead.


 43.6024, 57.3473,
46.3072


 43.6024, 57.3473,
46.3072


351.9630,
414.7494, 388.3557

 30.5546, 41.2841,
32.1379


 79.8692, 100.9718,
86.0177

 20.4101, 28.5412,
21.2012


 103.8189,
129.3019, 112.3959

 12.8035, 18.7340,
13.0784


132.1333,
162.4897, 143.6809

 7.3694, 11.4782,
7.3512

165.1777,
200.9198, 180.2912

 3.7426, 6.3895,
3.6009

203.3175,
244.9764, 222.6453

 1.5576, 3.0833,
1.4091

246.9181,

 0.3645, 1.1754,

295.0439, 271.1617

0.1488

296.3448,
351.5068, 326.2590

■ 0.0000, 0.0415,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6024, 57.3473,
46.3072

■ 43.6024, 57.3473,
46.3072

■ 38.7381, 54.9930,
39.2262

■ 49.3448, 60.1393,
54.2546

■ 34.7027, 53.0468,
32.9782

■ 56.0021, 63.3825,
63.0924

■ 31.4491, 51.4866,
27.5336

■ 63.6144, 67.0988,
72.8487

■ 28.9235, 50.2854,
22.8590

■ 72.2181, 71.3062,
83.5490

■ 27.0645, 49.4124,
18.9192

■ 81.4776, 75.8313,
95.2006

■ 25.8004, 48.8312,
15.6758

■ 83.3377, 76.5754,
104.9959

■ 25.0265, 48.4869,
13.1705

Harmonies

Analogous

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



47.7541, 57.3473, 35.4760



43.6024, 57.3473, 46.3072



42.2965, 57.3473, 63.8562

Triad

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



43.6024, 57.3473, 46.3072



54.9987, 57.3473, 108.6192



66.5313, 57.3473, 44.3429

Complementary

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



43.6024, 57.3473, 46.3072



48.2185, 39.6873, 56.1601

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.



68.8665, 57.3473, 61.0477



43.6024, 57.3473, 46.3072



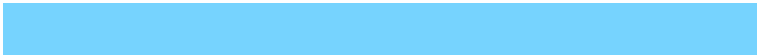
61.8680, 57.3473, 100.4602

Square

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



43.6024, 57.3473, 46.3072



48.5359, 57.3473, 102.4006



67.0929, 57.3473, 81.9456



60.9485, 57.3473, 34.5214

Rectangle

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



43.6024, 57.3473, 46.3072



43.1185, 57.3473, 77.8655



67.0929, 57.3473, 81.9456



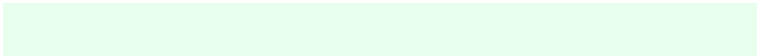
67.7424, 57.3473, 49.2019

Sweetspot

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



43.6039, 57.3497, 46.3085



84.6514, 94.9228, 95.6080



51.8502, 61.8014, 37.6303



17.7830, 20.1535, 20.0270



0.0000, 0.0000, 0.0000



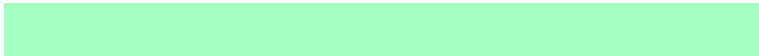
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6039, 57.3497, 46.3085



60.3584, 83.1089, 62.4082



46.9854, 58.7023, 64.1149



12.4182, 13.9583, 14.0166



15.1673, 29.3223, 8.1767



0.9515, 1.7833, 0.6864

Inverse Universe

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



48.2185, 39.6873, 56.1601



68.2040, 53.0580, 79.1418



45.0022, 38.4008, 39.2235



12.7828, 12.5646, 14.7962



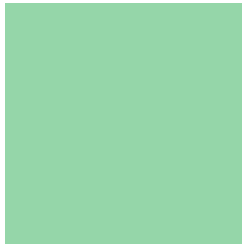
20.0487, 9.9558, 18.0923



1.2455, 0.6150, 1.2821

Previews

White Background



This preview shows how the XYZ color 43.6024, 57.3473, 46.3072 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 43.6024, 57.3473, 46.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

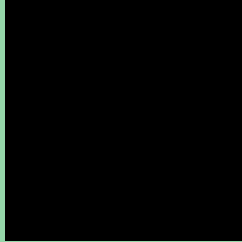
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6024, 57.3473, 46.3072

Background



This preview shows how black text looks on a background with the XYZ color 43.6024, 57.3473, 46.3072.



This preview shows how white text looks on a background with the XYZ color 43.6024, 57.3473,

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

43.6024, 57.3473, 46.3072

Protanopia

53.2054, 56.6630, 41.8510

Deuteranopia

57.9493, 56.6485, 47.9244



Tritanopia

50.1293, 57.4269, 78.2545

Trichromacy



Original Color

43.6024, 57.3473, 46.3072

Protanomaly

49.0327, 56.5574, 43.4543

Deuteranomaly

51.4230, 55.9675, 47.1223

Tritanomaly

47.5364, 57.4729, 65.0879

Monochromacy



Original Color

43.6024, 57.3473, 46.3072

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.0931, 52.7642, 52.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6024, 57.3473, 46.3072 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(149, 214, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 169)  
}
```

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(149, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.6024, 57.3473, 46.3072 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(149, 214, 169) }
```


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

```
.border{ border-color:rgb(149, 214, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 214, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6024, 57.3473, 46.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 169) }
```

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

```
.background{ background-color: rgb(149,  
214, 169) }
```

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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