

Converting Colors

XYZ(44.7893, 53.4650, 43.6467)

Have a look what the booklet for
XYZ(44.7893, 53.4650, 43.6467)
contains.

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Color

**XYZ(44.6914, 53.2606,
43.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC9A5
RGB	172, 201, 165
RGB Percent	67%, 79%, 65%
CMY	0.3255, 0.2117, 0.3529
CMYK	0.14, 0.00, 0.18, 0.21
HSL	108°, 25%, 72%
HSV	108°, 18%, 79%
XYZ	44.6914, 53.2606, 43.5221
YIQ	188.2250, -5.7280, -17.3440

Conversions

Conversions Part 2

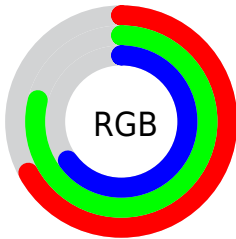
Format	Color
RYB	165, 201, 194
Decimal	11323813
CIELab	78.03, -16.49, 14.79
CIElCh	78, 22.153, 138.108
Yxy	53.2606, 0.3159, 0.3765
Android (android.graphics.Color)	4289513893 (0xFFACC9A5)
YUV	188.2250, -11.4499, -14.2293
Hunter-Lab	72.9799, -18.4049, 15.7279

Details

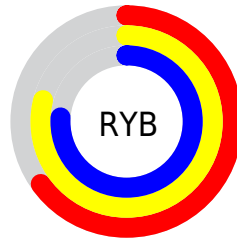
The XYZ color **44.6914, 53.2606, 43.5221** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.2481, 42.5982, 61.0460**, and the grayscale version is **47.9944, 50.4939, 54.9879**.

A 20% lighter version of the original color is **80.6732, 93.1813, 81.4440**, and **21.0221, 25.9816, 19.5298** is the 20% darker color. If you saturate the color by 10%, you get **39.6641, 50.8655, 34.4756**, and if you desaturate by 10%, it is **50.4422, 55.9985, 54.1057**.

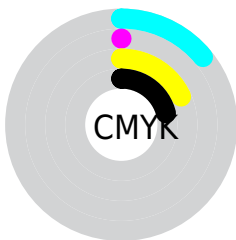
Distribution



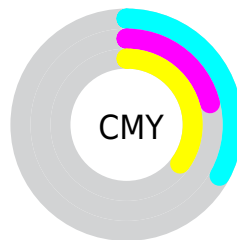
- Red (67%)
- Green (79%)
- Blue (65%)



- Red (65%)
- Yellow (79%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)





- Cyan (33%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6914, 53.2606, 43.5221 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 44.6914, 53.2606, 43.5221 by changing the saturation by 10% instead.


 44.6914, 53.2606,
43.5221


 44.6914, 53.2606,
43.5221


356.3270,
399.2841, 376.7386

 31.4147, 38.0108,
29.9605


 81.4971, 94.9877,
81.7929

 21.0682, 25.9911,
19.5568


 105.7567,
122.2339, 107.3393

 13.2866, 16.8170,
11.8925

134.4080,
154.2476, 137.7177

 7.7046, 10.1041,
6.5488

167.8163,
191.4134, 173.3466

 3.9567, 5.4680,
3.1075

206.3470,
234.1155, 214.6446

 1.6777, 2.5244,
1.1498

250.3655,

 0.4422, 0.8888,

282.7384, 262.0303

0.0000

300.2370,
337.6665, 315.9221

■ 0.0000, 0.0000,
0.0000

■ 44.6914, 53.2606,
43.5221

■ 44.6914, 53.2606,
43.5221

■ 39.6641, 50.8655,
34.4756

■ 50.4422, 55.9985,
54.1057

■ 35.3271, 48.7931,
26.8914

■ 56.9396, 59.0851,
66.2894

■ 31.6511, 47.0314,
20.6937

■ 64.2106, 62.5345,
80.1372

■ 28.6026, 45.5650,
15.7986

■ 72.2799, 66.3581,
95.7083

■ 26.1454, 44.3773,
12.1130

■ 79.4330, 69.8716,
103.9077

■ 24.2393, 43.4499,
9.5315

■ 80.1777, 70.2555,
103.9426

■ 22.8387, 42.7618,
7.9306

■ 21.8844, 42.2866,
7.1293

■ 21.7273, 42.2083,
7.0019

Harmonies

Analogous

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



48.0862, 53.2606, 38.2037



44.6914, 53.2606, 43.5221



42.9266, 53.2606, 53.2295

Triad

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



44.6914, 53.2606, 43.5221



48.9313, 53.2606, 84.5038



58.9293, 53.2606, 50.9122

Complementary

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



44.6914, 53.2606, 43.5221



46.2481, 42.5982, 61.0460

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.



59.1875, 53.2606, 63.0298



44.6914, 53.2606, 43.5221



53.2467, 53.2606, 83.6491

Square

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



44.6914, 53.2606, 43.5221



45.2797, 53.2606, 77.5497



57.0566, 53.2606, 75.3581



56.3701, 53.2606, 42.0340

Rectangle

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



44.6914, 53.2606, 43.5221



42.8414, 53.2606, 61.4097



57.0566, 53.2606, 75.3581



59.2932, 53.2606, 54.7030

Sweetspot

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



44.6928, 53.2629, 43.5233



89.3862, 97.3095, 98.2729



50.1285, 53.6312, 43.3079



18.9677, 20.7500, 20.7271



0.0000, 0.0000, 0.0000



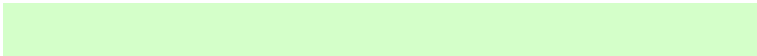
20.3446, 21.4041, 23.3091

Same Dimension

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



44.6928, 53.2629, 43.5233



73.4668, 89.7346, 68.9847



44.2221, 52.9018, 48.8522



10.6868, 11.9855, 11.3129



13.7199, 26.5682, 4.4051



0.7087, 1.2885, 0.2113

Inverse Universe

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



46.2481, 42.5982, 61.0460



76.5549, 68.5422, 103.8028



46.8606, 43.0556, 54.6728



10.8733, 10.7084, 13.4113



16.0624, 7.5147, 35.3483



0.8138, 0.3833, 1.6762

Previews

White Background



This preview shows how the XYZ color 44.6914, 53.2606, 43.5221 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 44.6914, 53.2606, 43.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

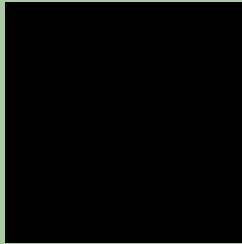
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6914, 53.2606, 43.5221

Background



This preview shows how black text looks on a background with the XYZ color 44.6914, 53.2606, 43.5221.



This preview shows how white text looks on a background with the XYZ color 44.6914, 53.2606,

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

44.6914, 53.2606, 43.5221

Protanopia

49.9113, 52.9690, 41.3116

Deuteranopia

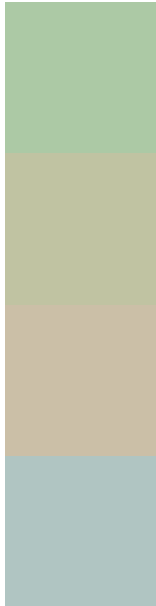
53.9320, 52.7407, 44.3832



Tritanopia

49.7384, 53.2671, 68.6328

Trichromacy



Original Color

44.6914, 53.2606, 43.5221

Protanomaly

47.7749, 52.8453, 41.8646

Deuteranomaly

50.2345, 52.7481, 44.0930

Tritanomaly

47.6084, 53.0577, 58.7709

Monochromacy



Original Color

44.6914, 53.2606, 43.5221

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.5996, 51.3803, 50.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6914, 53.2606, 43.5221 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, 201, 165)` looks like.

```
.text, #text, p{  
    color:rgb(172, 201, 165)  
}
```

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, 201, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 201, 165) }
```

Border

The CSS property to change the border of an element to XYZ 44.6914, 53.2606, 43.5221 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, 201, 165) }
```


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

```
.border{ border-color:rgb(172, 201, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 201, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 201, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 201, 165); box-shadow:4px 4px 4px 4px rgb(172, 201, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6914, 53.2606, 43.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 201, 165) }
```

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

```
.background{ background-color: rgb(172,  
201, 165) }
```

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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