

Converting Colors

XYZ(44.2815, 53.0402, 42.0421)

Have a look what the booklet for
XYZ(44.2815, 53.0402, 42.0421)
contains.

XYZ(44.4215, 53.1526, 42.1006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.4215, 53.1526,
42.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC9A2
RGB	172, 201, 162
RGB Percent	67%, 79%, 64%
CMY	0.3255, 0.2117, 0.3647
CMYK	0.14, 0.00, 0.19, 0.21
HSL	105°, 27%, 71%
HSV	105°, 19%, 79%
XYZ	44.4215, 53.1526, 42.1006
YIQ	187.8830, -4.7650, -18.2770

Conversions

Conversions Part 2

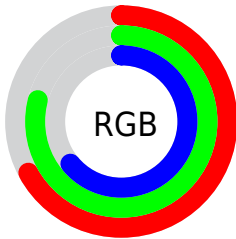
Format	Color
RYB	162, 201, 191
Decimal	11323810
CIELab	77.97, -17.00, 16.30
CIELCh	78, 23.555, 136.198
Yxy	53.1526, 0.3180, 0.3805
Android (android.graphics.Color)	4289513890 (0xFFACC9A2)
YUV	187.8830, -12.7603, -13.9294
Hunter-Lab	72.9058, -18.8252, 16.7962

Details

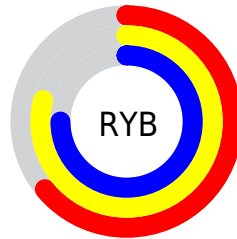
The XYZ color **44.4215, 53.1526, 42.1006** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.9509, 41.1355, 60.8320**, and the grayscale version is **47.8068, 50.2965, 54.7729**.

A 20% lighter version of the original color is **80.2793, 93.0237, 79.3698**, and **20.8559, 25.9152, 18.6548** is the 20% darker color. If you saturate the color by 10%, you get **39.6779, 50.8990, 33.2855**, and if you desaturate by 10%, it is **49.8226, 55.7153, 52.4395**.

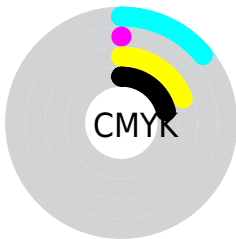
Distribution



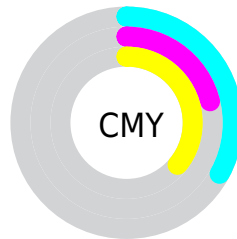
- Red (67%)
- Green (79%)
- Blue (64%)



- Red (64%)
- Yellow (79%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4215, 53.1526, 42.1006 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 44.4215, 53.1526, 42.1006 by changing the saturation by 10% instead.

■ 44.4215, 53.1526,
42.1006

■ 44.4215, 53.1526,
42.1006

355.2488,
398.8703, 370.7117

■ 31.2013, 37.9246,
28.8539

■ 81.0940, 94.8289,
79.6236

■ 20.9048, 25.9242,
18.7257

■ 105.2772,
122.0460, 104.7370

■ 13.1665, 16.7669,
11.2974

133.8453,
154.0282, 134.6430

■ 7.6211, 10.0685,
6.1506

167.1638,
191.1599, 169.7602

■ 3.9032, 5.4444,
2.8666

205.5980,
233.8256, 210.5072

■ 1.6475, 2.5103,
1.0269

249.5134,

■ 0.4231, 0.8818,

282.4097, 257.3024

0.0000

299.2752,
337.2964, 310.5644

0.0000, 0.0000,
0.0000

44.4215, 53.1526,
42.1006

44.4215, 53.1526,
42.1006

39.6779, 50.8990,
33.2855

49.8226, 55.7153,
52.4395

35.5618, 48.9358,
25.9189

55.9012, 58.5913,
64.3659

32.0473, 47.2531,
19.9243

62.6817, 61.7932,
77.9440

29.1046, 45.8372,
15.2165

70.1859, 65.3312,
93.2334

26.7016, 44.6737,
11.7013

77.2028, 68.7218,
103.8033

■ 24.8023, 43.7464,
9.2712

■ 80.1777, 70.2554,
103.9426

■ 23.3661, 43.0371,
7.7995

■ 22.3323, 42.5194,
7.0644

■ 22.2799, 42.4931,
7.0277

Harmonies

Analogous

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



48.1007, 53.1526, 36.8595



44.4215, 53.1526, 42.1006



42.4343, 53.1526, 52.0583

Triad

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



44.4215, 53.1526, 42.1006



48.4462, 53.1526, 86.0137



59.4661, 53.1526, 51.1138

Complementary

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



44.4215, 53.1526, 42.1006



44.9509, 41.1355, 60.8320

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.



59.5725, 53.1526, 64.1077



44.4215, 53.1526, 42.1006



53.0190, 53.1526, 85.6583

Square

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



44.4215, 53.1526, 42.1006



44.6612, 53.1526, 78.0725



57.1525, 53.1526, 77.1646



56.8699, 53.1526, 41.4996

Rectangle

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



44.4215, 53.1526, 42.1006



42.2539, 53.1526, 60.6427



57.1525, 53.1526, 77.1646



59.7993, 53.1526, 55.1911

Sweetspot

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



44.4229, 53.1549, 42.1018



88.6210, 96.9591, 96.2488



49.1549, 52.1159, 41.6518



18.8244, 20.6850, 20.3197



0.0000, 0.0000, 0.0000



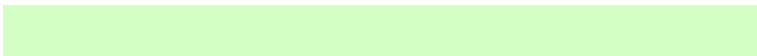
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4229, 53.1549, 42.1018



72.7385, 89.4275, 65.8612



43.1488, 52.4012, 46.4195



10.7481, 12.0171, 11.3158



14.0811, 26.7543, 4.4220



0.7364, 1.3027, 0.2126

Inverse Universe

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



44.9509, 41.1355, 60.8320



73.7918, 65.3768, 103.3375



46.5130, 42.0609, 55.4804



10.8074, 10.6745, 13.4083



14.5645, 6.7425, 35.2782



0.7540, 0.3524, 1.6734

Previews

White Background



This preview shows how the XYZ color 44.4215, 53.1526, 42.1006 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 44.4215, 53.1526, 42.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

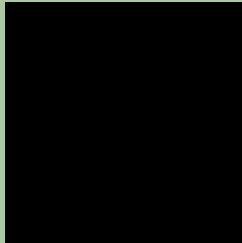
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4215, 53.1526, 42.1006

Background



This preview shows how black text looks on a background with the XYZ color 44.4215, 53.1526, 42.1006.



This preview shows how white text looks on a background with the XYZ color 44.4215, 53.1526,

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

44.4215, 53.1526, 42.1006

Protanopia

49.9230, 53.0053, 39.9476

Deuteranopia

53.9593, 52.7867, 42.9422



Tritanopia

49.7470, 52.9400, 68.5693

Trichromacy



Original Color

44.4215, 53.1526, 42.1006

Protanomaly

47.5113, 52.7399, 40.4766

Deuteranomaly

49.9602, 52.6384, 42.6490

Tritanomaly

47.7234, 53.1299, 58.1919

Monochromacy



Original Color

44.4215, 53.1526, 42.1006

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.4981, 51.3397, 50.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4215, 53.1526, 42.1006 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(172, 201, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 201, 162) }
```

Border

The CSS property to change the border of an element to XYZ 44.4215, 53.1526, 42.1006 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, 162) }
```


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

```
.border{ border-color:rgb(172, 201, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 201,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4215, 53.1526, 42.1006 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, 162) }
```

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

```
.background{ background-color: rgb(172,  
201, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor