

Converting Colors

XYZ(43.3560, 54.7774, 23.6172)

Have a look what the booklet for
XYZ(43.3560, 54.7774, 23.6172)
contains.

XYZ(43.3560, 54.7774, 23.6172)	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(43.3560, 54.7774,
23.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CE70
RGB	178, 206, 112
RGB Percent	70%, 81%, 44%
CMY	0.3020, 0.1921, 0.5608
CMYK	0.14, 0.00, 0.46, 0.19
HSL	78°, 49%, 62%
HSV	78°, 46%, 81%
XYZ	43.3560, 54.7774, 23.6172
YIQ	186.9120, 13.4860, -35.1700

Conversions

Conversions Part 2

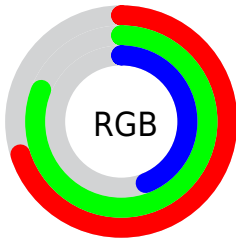
Format	Color
RYB	112, 206, 140
Decimal	11718256
CIELab	78.91, -24.21, 43.48
CIELCh	79, 49.764, 119.116
Yxy	54.7774, 0.3561, 0.4499
Android (android.graphics.Color)	4289908336 (0xFFB2CE70)
YUV	186.9120, -36.9316, -7.8158
Hunter-Lab	74.0118, -24.9555, 32.8888

Details

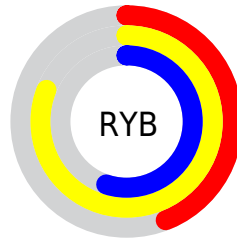
The XYZ color **43.3560, 54.7774, 23.6172** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **27.7521, 21.6215, 61.1063**, and the grayscale version is **47.3820, 49.8496, 54.2862**.

A 20% lighter version of the original color is **76.8125, 91.8988, 49.2871**, and **20.3827, 27.0785, 8.5673** is the 20% darker color. If you saturate the color by 10%, you get **40.9613, 53.6624, 18.1877**, and if you desaturate by 10%, it is **46.0788, 56.0348, 30.4340**.

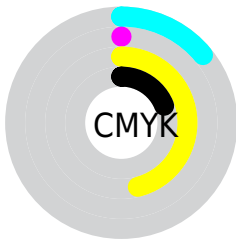
Distribution



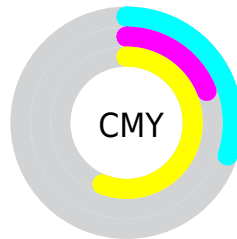
- Red (70%)
- Green (81%)
- Blue (44%)



- Red (44%)
- Yellow (81%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (46%)
- Black (19%)





- Cyan (30%)
- Magenta (19%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3560, 54.7774, 23.6172 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 43.3560, 54.7774, 23.6172 by changing the saturation by 10% instead.


 43.3560, 54.7774,
23.6172


 43.3560, 54.7774,
23.6172


350.9705,
405.0676, 284.1034


 30.3603, 39.2235,
14.8403


 79.5002, 97.2147,
50.3408


 20.2616, 26.9337,
8.5620


 103.3793,
124.8670, 69.1246

 12.6947, 17.5234,
4.3637


 131.6170,
157.3208, 92.0811

 7.2942, 10.6084,
1.8269

 164.5785,
194.9606, 119.6289

 3.6947, 5.8041,
0.4456

202.6293,
238.1708, 152.1864

 1.5309, 2.7264,
0.0000

246.1346,

 0.3467, 0.9906,

287.3358, 190.1723

0.0000

295.4599,
342.8399, 234.0052

■ 0.0000, 0.0000,
0.0000

■ 43.3560, 54.7774,
23.6172

■ 43.3560, 54.7774,
23.6172

■ 40.9613, 53.6624,
18.1877

■ 46.0788, 56.0348,
30.4340

■ 38.8718, 52.6747,
14.0464

■ 49.1429, 57.4341,
38.7210

■ 37.0676, 51.8082,
11.0867


■ 52.5655, 58.9844,
48.5589


■ 35.5239, 51.0529,
9.1836


■ 56.3615, 60.6915,
60.0215


■ 34.2108, 50.3968,
8.1829


■ 60.5446, 62.5611,
73.1778

 33.6849, 50.1314,
7.9009

 65.1280, 64.5985,
88.0928

 69.9293, 66.7309,
103.8024

 71.8319, 67.7118,
103.8915

 73.8036, 68.7282,
103.9837

Harmonies

Analogous

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



52.3580, 54.7774, 20.1033



43.3560, 54.7774, 23.6172



37.4018, 54.7774, 35.8460

Triad

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



43.3560, 54.7774, 23.6172



42.9081, 54.7774, 119.5880



73.4656, 54.7774, 60.4868

Complementary

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



43.3560, 54.7774, 23.6172



27.7521, 21.6215, 61.1063

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.



70.1310, 54.7774, 92.1602



43.3560, 54.7774, 23.6172



51.7717, 54.7774, 132.2692

Square

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



43.3560, 54.7774, 23.6172



37.1672, 54.7774, 90.2301



61.8669, 54.7774, 120.9280



70.4892, 54.7774, 36.8917

Rectangle

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



43.3560, 54.7774, 23.6172



35.5467, 54.7774, 49.9475



61.8669, 54.7774, 120.9280



73.0393, 54.7774, 70.5189

Sweetspot

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



43.3573, 54.7798, 23.6184



86.0205, 95.9486, 81.2113



37.5598, 32.6526, 19.6529



18.1377, 20.4132, 16.5722



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.



43.3573, 54.7798, 23.6184



66.3437, 86.9307, 29.4269



34.5709, 50.2503, 23.2072



11.8158, 12.9224, 11.9510



20.8426, 30.9201, 4.8696



1.1493, 1.6333, 0.2547

Inverse Universe

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



27.7521, 21.6215, 61.1063



37.9659, 26.5457, 97.7306



37.0974, 26.4391, 61.5436



10.9107, 11.0033, 14.1192



8.1450, 3.4065, 36.1845



0.4972, 0.2154, 1.8703

Previews

White Background



This preview shows how the XYZ color 43.3560, 54.7774, 23.6172 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 43.3560, 54.7774, 23.6172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

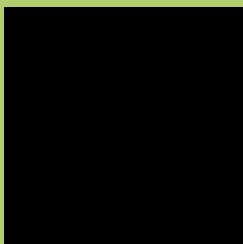
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

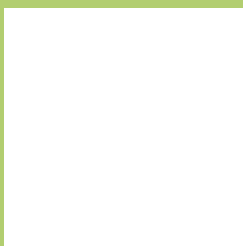
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3560, 54.7774, 23.6172

Background



This preview shows how black text looks on a background with the XYZ color 43.3560, 54.7774, 23.6172.



This preview shows how white text looks on a background with the XYZ color 43.3560, 54.7774,

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

43.3560, 54.7774, 23.6172

Protanopia

49.9534, 54.4091, 22.0565

Deuteranopia

55.6948, 54.4067, 24.3957



Tritanopia

52.6338, 54.7597, 68.7684

Trichromacy



Original Color

43.3560, 54.7774, 23.6172

Protanomaly

47.2711, 54.3685, 22.4707

Deuteranomaly

50.4834, 53.9767, 23.9774

Tritanomaly

48.3131, 54.3419, 47.9871

Monochromacy



Original Color

43.3560, 54.7774, 23.6172

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.4041, 51.3120, 40.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3560, 54.7774, 23.6172 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(178, 206, 112)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 112)  
}
```

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(178, 206, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 112) }
```

Border

The CSS property to change the border of an element to XYZ 43.3560, 54.7774, 23.6172 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(178, 206, 112) }
```


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

```
.border{ border-color:rgb(178, 206, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 112);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3560, 54.7774, 23.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 112) }
```

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

```
.background{ background-color: rgb(178,  
206, 112) }
```

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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