

Converting Colors

XYZ(43.3557, 55.7784, 44.0785)

Have a look what the booklet for
XYZ(43.3557, 55.7784, 44.0785)
contains.

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Color

**XYZ(43.3557, 55.7784,
44.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD2A5
RGB	155, 210, 165
RGB Percent	61%, 82%, 65%
CMY	0.3922, 0.1765, 0.3529
CMYK	0.26, 0.00, 0.21, 0.18
HSL	131°, 38%, 72%
HSV	131°, 26%, 82%
XYZ	43.3557, 55.7784, 44.0785
YIQ	188.4250, -18.3350, -25.6550

Conversions

Conversions Part 2

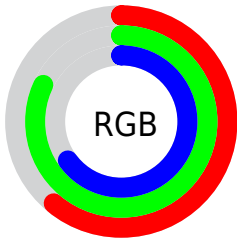
Format	Color
RYB	155, 202, 210
Decimal	10212005
CIELab	79.49, -26.69, 16.68
CIElCh	79, 31.476, 147.995
Yxy	55.7784, 0.3027, 0.3895
Android (android.graphics.Color)	4288402085 (0xFF9BD2A5)
YUV	188.4250, -11.5485, -29.3137
Hunter-Lab	74.6849, -27.0768, 17.2869

Details

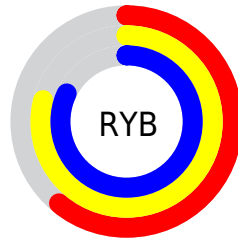
The XYZ color **43.3557, 55.7784, 44.0785** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.7269, 41.3157, 60.0525**, and the grayscale version is **48.1141, 50.6198, 55.1249**.

A 20% lighter version of the original color is **75.2566, 90.3889, 81.1905**, and **20.1815, 27.4597, 19.8594** is the 20% darker color. If you saturate the color by 10%, you get **38.2104, 53.2962, 36.2154**, and if you desaturate by 10%, it is **49.4151, 58.7107, 53.0836**.

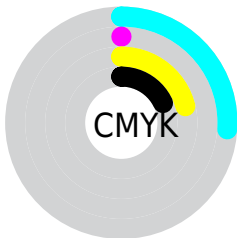
Distribution



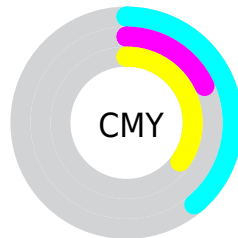
- Red (61%)
- Green (82%)
- Blue (65%)



- Red (61%)
- Yellow (79%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)




- Cyan (39%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3557, 55.7784, 44.0785 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 43.3557, 55.7784, 44.0785 by changing the saturation by 10% instead.


 43.3557, 55.7784,
44.0785


 43.3557, 55.7784,
44.0785

350.9693,
408.8558, 379.0792

 30.3600, 40.0253,
30.3946


 79.4997, 98.6805,
82.6396

 20.2615, 27.5583,
19.8837


 103.3788,
126.5983, 108.3538

 12.6946, 17.9929,
12.1273


131.6164,
159.3397, 138.9153

 7.2941, 10.9449,
6.7068

164.5778,
197.2892, 174.7424

 3.6947, 6.0298,
3.2038

202.6285,
240.8312, 216.2539

 1.5309, 2.8632,
1.1996

246.1337,

 0.3467, 1.0607,

290.3500, 263.8681

0.0000

295.4589,
346.2301, 318.0037

■ 0.0000, 0.0000,
0.0000

■ 43.3557, 55.7784,
44.0785

■ 43.3557, 55.7784,
44.0785

■ 38.2104, 53.2962,
36.2154

■ 49.4151, 58.7107,
53.0836

■ 33.9300, 51.2350,
29.4451

■ 56.4256, 62.1065,
63.2698

■ 30.4676, 49.5732,
23.7202

■ 64.4276, 65.9875,
74.6792

■ 27.7701, 48.2845,
18.9885

■ 73.4579, 70.3717,
87.3506

■ 25.7776, 47.3393,
15.1932

■ 81.6865, 74.3149,
101.2336

■ 24.4213, 46.7034,
12.2718

■ 82.3377, 74.5754,
104.6626

■ 23.6162, 46.3344,
10.1538

■ 23.4005, 46.2365,
9.5404

Harmonies

Analogous

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



47.5089, 55.7784, 34.8749



43.3557, 55.7784, 44.0785



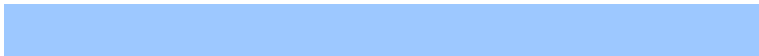
41.7653, 55.7784, 59.5224

Triad

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



43.3557, 55.7784, 44.0785



52.5912, 55.7784, 102.6221



64.4973, 55.7784, 45.8056

Complementary

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



43.3557, 55.7784, 44.0785



48.7269, 41.3157, 60.0525

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.



66.1242, 55.7784, 61.9603



43.3557, 55.7784, 44.0785



58.9324, 55.7784, 96.9768

Square

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



43.3557, 55.7784, 44.0785



46.8270, 55.7784, 95.3211



64.0135, 55.7784, 81.1295



59.7270, 55.7784, 35.7238

Rectangle

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



43.3557, 55.7784, 44.0785



42.2684, 55.7784, 72.1428



64.0135, 55.7784, 81.1295



65.4458, 55.7784, 50.5948

Sweetspot

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



43.3572, 55.7807, 44.0797



85.3671, 95.3054, 95.0236



53.0079, 60.8569, 39.9636



17.9064, 20.2221, 19.8101



0.0000, 0.0000, 0.0000



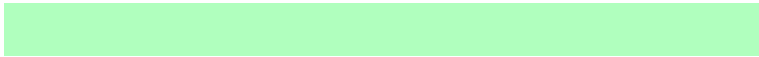
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3572, 55.7807, 44.0797



62.9828, 84.4761, 61.8863



46.0434, 56.8552, 58.2251



11.7428, 13.2409, 13.0022



14.3002, 28.2130, 5.9608



0.8267, 1.5883, 0.4760

Inverse Universe

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



48.7269, 41.3157, 60.0525



72.5771, 58.6197, 90.4171



45.8765, 40.1755, 45.0424



12.2147, 11.9706, 14.4066



20.7782, 10.1841, 24.8017



1.1864, 0.5793, 1.5163

Previews

White Background



This preview shows how the XYZ color 43.3557, 55.7784, 44.0785 looks on a white background.

Color Contrast Check

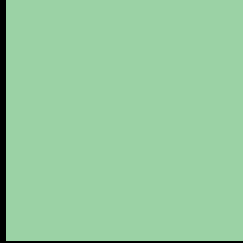
Large Text (above 18pt) WCAG AA × Fail

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 43.3557, 55.7784, 44.0785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

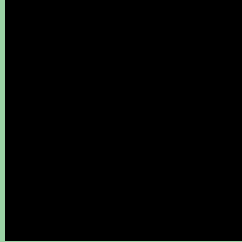
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3557, 55.7784, 44.0785

Background



This preview shows how black text looks on a background with the XYZ color 43.3557, 55.7784, 44.0785.



This preview shows how white text looks on a background with the XYZ color 43.3557, 55.7784,

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

43.3557, 55.7784, 44.0785

Protanopia

51.9239, 55.3584, 40.2963

Deuteranopia

56.4104, 55.2673, 45.2306



Tritanopia

49.6592, 55.8257, 75.1759

Trichromacy



Original Color

43.3557, 55.7784, 44.0785

Protanomaly

48.3059, 55.1653, 41.8202

Deuteranomaly

50.8536, 55.0390, 44.9891

Tritanomaly

47.0781, 55.8432, 62.3304

Monochromacy



Original Color

43.3557, 55.7784, 44.0785

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

45.8826, 52.0052, 50.7998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3557, 55.7784, 44.0785 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(155, 210, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 210, 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(155, 210, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 210, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.3557, 55.7784, 44.0785 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(155, 210, 165) }
```


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

```
.border{ border-color:rgb(155, 210, 165) }
```

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

Here you see how a box with a 4 pixel rgb(155, 210, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 210, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 210, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 210,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3557, 55.7784, 44.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 210, 165) }
```

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

```
.background{ background-color: rgb(155,  
210, 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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