

Converting Colors

XYZ(53.1704, 71.1913, 40.3063)

Have a look what the booklet for
XYZ(53.1704, 71.1913, 40.3063)
contains.

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Color

**XYZ(53.2606, 71.3392,
40.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	AFEC97
RGB	175, 236, 151
RGB Percent	69%, 93%, 59%
CMY	0.3137, 0.0745, 0.4078
CMYK	0.26, 0.00, 0.36, 0.07
HSL	103°, 69%, 76%
HSV	103°, 36%, 93%
XYZ	53.2606, 71.3392, 40.2409
YIQ	208.0710, -9.0710, -39.3670

Conversions

Conversions Part 2

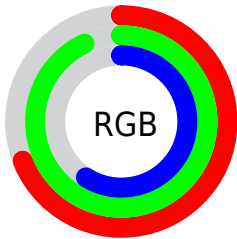
Format	Color
RYB	151, 236, 212
Decimal	11529367
CIELab	87.65, -34.55, 35.18
CIElCh	88, 49.307, 134.481
Yxy	71.3392, 0.3231, 0.4328
Android (android.graphics.Color)	4289719447 (0xFFAFEC97)
YUV	208.0710, -28.1360, -29.0033
Hunter-Lab	84.4625, -35.2505, 30.8759

Details

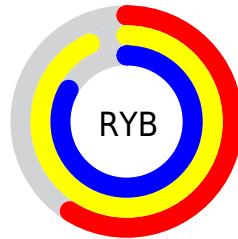
The XYZ color **53.2606, 71.3392, 40.2409** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **53.3613, 42.1885, 84.6914**, and the grayscale version is **60.1828, 63.3170, 68.9522**.

A 20% lighter version of the original color is **80.1793, 93.1320, 72.1429**, and **26.3191, 37.5364, 17.6625** is the 20% darker color. If you saturate the color by 10%, you get **47.9669, 68.8121, 30.9703**, and if you desaturate by 10%, it is **59.4184, 74.2717, 51.5575**.

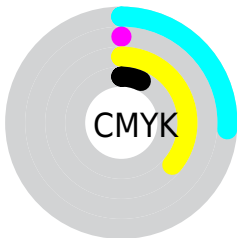
Distribution



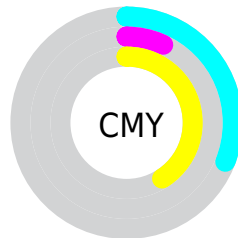
- Red (69%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (83%)



- Cyan (26%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)





- Cyan (31%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2606, 71.3392, 40.2409 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 53.2606, 71.3392, 40.2409 by changing the saturation by 10% instead.


 53.2606, 71.3392,
40.2409


 53.2606, 71.3392,
40.2409


389.5287,
465.2383, 362.7201

 38.2392, 52.6191,
27.4112


 94.1510, 121.1166,
76.7713

 26.3464, 37.4987,
17.6471


 120.7507,
152.9426, 101.3091

 17.2170, 25.5939,
10.5301


151.9405,
189.9060, 130.5867

 10.4856, 16.5201,
5.6417

188.0857,
232.3913, 165.0226

 5.7868, 9.8929,
2.5632

229.5518,
280.7828, 205.0353

 2.7553, 5.3280,
0.8734

276.7041,

 1.0257, 2.4410,

335.4648, 251.0435

0.0000

329.9079,
396.8219, 303.4656

0.0000, 0.8469,
0.0000

0.0000, 0.0000,
0.0000

53.2606, 71.3392,
40.2409

53.2606, 71.3392,
40.2409

47.9669, 68.8121,
30.9703

59.4184, 74.2717,
51.5575

43.4914, 66.6630,
23.6189

66.4728, 77.6176,
65.0275

39.7917, 64.8751,
18.0533

74.4610, 81.3958,
80.7561

36.8191, 63.4266,
14.1208

83.4163, 85.6214,
98.8404

■ 34.5184, 62.2930,
11.6433

■ 89.2869, 88.4737,
106.9790

■ 32.8246, 61.4456,
10.4001

■ 32.2863, 61.1740,
10.1061

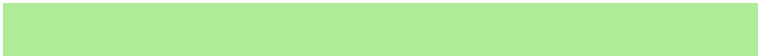
Harmonies

Analogous

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



62.3453, 71.3392, 30.5733



53.2606, 71.3392, 40.2409



48.3930, 71.3392, 61.7126

Triad

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



53.2606, 71.3392, 40.2409



61.9748, 71.3392, 157.5569



91.9480, 71.3392, 62.6821

Complementary

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



53.2606, 71.3392, 40.2409



53.3613, 42.1885, 84.6914

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.



91.8192, 71.3392, 96.1797



53.2606, 71.3392, 40.2409



73.5761, 71.3392, 158.0401

Square

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



53.2606, 71.3392, 40.2409



53.0163, 71.3392, 131.9970



84.7838, 71.3392, 133.1725



85.1178, 71.3392, 40.7741

Rectangle

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



53.2606, 71.3392, 40.2409



47.7966, 71.3392, 82.8090



84.7838, 71.3392, 133.1725



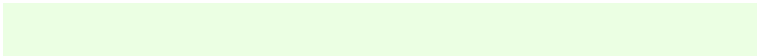
92.7400, 71.3392, 72.7601

Sweetspot

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



53.2624, 71.3423, 40.2425



83.8360, 94.7032, 86.4978



63.7036, 67.1156, 38.8763



17.6692, 20.1402, 17.9735



0.0000, 0.0000, 0.0000



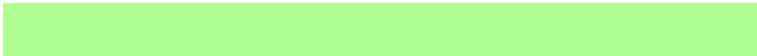
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2624, 71.3423, 40.2425



58.8719, 82.8411, 39.8168



49.9608, 69.4537, 48.5157



15.2676, 17.0680, 16.0085



17.9051, 33.7749, 5.5755



1.4973, 2.6992, 0.4421

Inverse Universe

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



53.3613, 42.1885, 84.6914



58.9827, 43.4321, 99.8822



58.2617, 45.0082, 71.6639



15.2763, 15.0877, 19.0293



17.5416, 8.0789, 44.3778



1.4707, 0.6825, 3.4891

Previews

White Background



This preview shows how the XYZ color 53.2606, 71.3392, 40.2409 looks on a white background.

Color Contrast Check

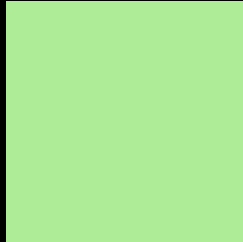
Large Text (above 18pt) WCAG AA × Fail

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 53.2606, 71.3392, 40.2409 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

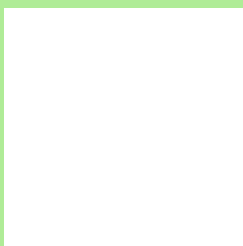
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2606, 71.3392, 40.2409

Background



This preview shows how black text looks on a background with the XYZ color 53.2606, 71.3392, 40.2409.



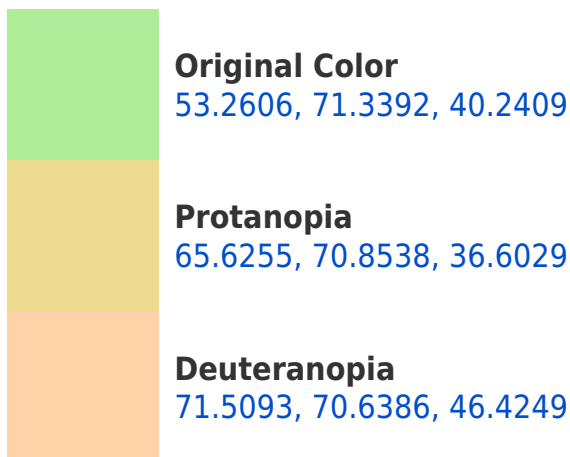
This preview shows how white text looks on a background with the XYZ color 53.2606, 71.3392,

40.2409.

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





Tritanopia

64.3381, 71.2686, 95.1593

Trichromacy



Original Color

53.2606, 71.3392, 40.2409



Protanomaly

60.2160, 70.4041, 38.0194



Deuteranomaly

63.3903, 69.9284, 43.8747



Tritanomaly

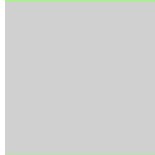
59.6598, 71.0061, 71.5339

Monochromacy



Original Color

53.2606, 71.3392, 40.2409



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.8060, 65.4664, 56.6560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2606, 71.3392, 40.2409 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(175, 236, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 236, 151)  
}
```

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(175, 236, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 236, 151) }
```

Border

The CSS property to change the border of an element to XYZ 53.2606, 71.3392, 40.2409 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(175, 236, 151) }
```


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

```
.border{ border-color:rgb(175, 236, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 236, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 236, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 236, 151);  
box-shadow:4px 4px 4px 4px rgb(175, 236,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2606, 71.3392, 40.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 236, 151) }
```

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

```
.background{ background-color: rgb(175,  
236, 151) }
```

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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