

Converting Colors

XYZ(53.6367, 69.3816, 42.0189)

Have a look what the booklet for
XYZ(53.6367, 69.3816, 42.0189)
contains.

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Color

**XYZ(53.6327, 69.3759,
42.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E79C
RGB	181, 231, 156
RGB Percent	71%, 91%, 61%
CMY	0.2902, 0.0941, 0.3882
CMYK	0.22, 0.00, 0.32, 0.09
HSL	100°, 61%, 76%
HSV	100°, 32%, 91%
XYZ	53.6327, 69.3759, 42.0166
YIQ	207.5000, -5.7250, -33.9250

Conversions

Conversions Part 2

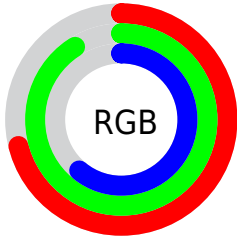
Format	Color
RYB	156, 231, 206
Decimal	11921308
CIELab	86.69, -29.45, 31.44
CIElCh	87, 43.084, 133.128
Yxy	69.3759, 0.3250, 0.4204
Android (android.graphics.Color)	4290111388 (0xFFB5E79C)
YUV	207.5000, -25.3895, -23.2405
Hunter-Lab	83.2922, -30.8234, 28.3958

Details

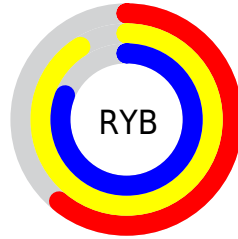
The XYZ color **53.6327, 69.3759, 42.0166** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.7689, 42.6703, 81.1128**, and the grayscale version is **59.7938, 62.9077, 68.5065**.

A 20% lighter version of the original color is **82.7778, 94.4003, 75.4862**, and **26.5811, 36.1714, 18.6775** is the 20% darker color. If you saturate the color by 10%, you get **48.4462, 66.9092, 32.5161**, and if you desaturate by 10%, it is **59.5940, 72.2032, 53.4980**.

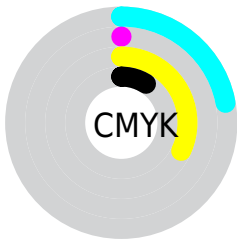
Distribution



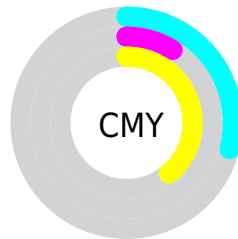
- Red (71%)
- Green (91%)
- Blue (61%)



- Red (61%)
- Yellow (91%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6327, 69.3759, 42.0166 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 53.6327, 69.3759, 42.0166 by changing the saturation by 10% instead.


 53.6327, 69.3759,
42.0166


 53.6327, 69.3759,
42.0166


390.9291,
458.3556, 370.3534

 38.5376, 51.0179,
28.7886


 94.6948, 118.3183,
79.4951

 26.5793, 36.2229,
18.6768


 121.3925,
149.6715, 104.5827

 17.3925, 24.6064,
11.2625


152.6884,
186.1253, 134.4606

 10.6117, 15.7840,
6.1273

188.9479,
228.0639, 169.5474

 5.8718, 9.3715,
2.8526

230.5364,
275.8719, 210.2615

 2.8072, 4.9843,
1.0199


277.8192,

 1.0526, 2.2380,

329.9336, 257.0215


0.0000


331.1616,
390.6333, 310.2460


 0.0000, 0.7406,
0.0000


 0.0000, 0.0000,
0.0000


 53.6327, 69.3759,
42.0166


 53.6327, 69.3759,
42.0166


 48.4462, 66.9092,
32.5161


 59.5940, 72.2032,
53.4980


 43.9952, 64.7790,
24.8800

 66.3567, 75.3964,
67.0590

 40.2445, 62.9720,
18.9866

 73.9524, 78.9716,
82.7970

 37.1536, 61.4703,
14.6978

 82.4095, 82.9416,
100.8020

■ 34.6772, 60.2541,
11.8549

■ 87.8673, 85.6347,
106.5058

■ 32.7626, 59.3002,
10.2662

■ 31.6374, 58.7322,
9.6690

Harmonies

Analogous

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



61.6622, 69.3759, 33.5560



53.6327, 69.3759, 42.0166



49.1764, 69.3759, 60.6375

Triad

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



53.6327, 69.3759, 42.0166



60.5077, 69.3759, 141.5533



86.5254, 69.3759, 63.6928

Complementary

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



53.6327, 69.3759, 42.0166



51.7689, 42.6703, 81.1128

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.



86.1358, 69.3759, 92.7004



53.6327, 69.3759, 42.0166



70.4106, 69.3759, 142.9751

Square

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



53.6327, 69.3759, 42.0166



52.8615, 69.3759, 119.8573



79.9986, 69.3759, 123.3559



81.0146, 69.3759, 43.7630

Rectangle

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



53.6327, 69.3759, 42.0166



48.5213, 69.3759, 78.5881



79.9986, 69.3759, 123.3559



87.0954, 69.3759, 72.5689

Sweetspot

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



53.6345, 69.3789, 42.0181



85.2324, 95.3821, 88.4137



61.0299, 63.5348, 40.5003



17.9663, 20.2852, 18.3562



0.0000, 0.0000, 0.0000



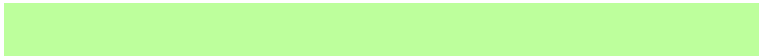
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6345, 69.3789, 42.0181



62.6338, 84.6851, 44.2978



49.4029, 67.0688, 47.6336



14.6397, 16.3213, 15.2832



17.8531, 32.9851, 5.4258



1.4150, 2.4868, 0.4054

Inverse Universe

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



51.7689, 42.6703, 81.1128



59.9424, 46.3527, 100.3954



57.5665, 45.8559, 72.4934



14.5039, 14.3620, 18.1520



15.6948, 7.1569, 42.9374



1.2573, 0.5791, 3.1775

Previews

White Background



This preview shows how the XYZ color 53.6327, 69.3759, 42.0166 looks on a white background.

Color Contrast Check

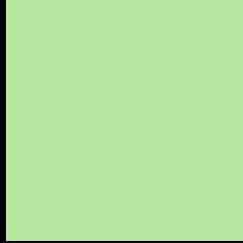
Large Text (above 18pt) WCAG AA × Fail

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 53.6327, 69.3759, 42.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

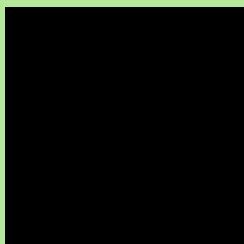
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

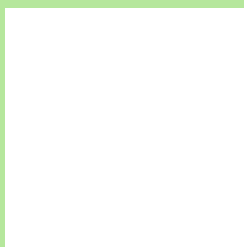
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6327, 69.3759, 42.0166

Background



This preview shows how black text looks on a background with the XYZ color 53.6327, 69.3759, 42.0166.



This preview shows how white text looks on a background with the XYZ color 53.6327, 69.3759,

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

53.6327, 69.3759, 42.0166

Protanopia

63.9926, 68.8062, 38.7623

Deuteranopia

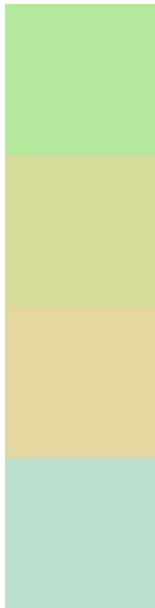
70.0744, 68.4943, 43.7098



Tritanopia

63.5372, 69.3553, 90.9271

Trichromacy



Original Color

53.6327, 69.3759, 42.0166

Protanomaly

59.5483, 68.4270, 39.7750

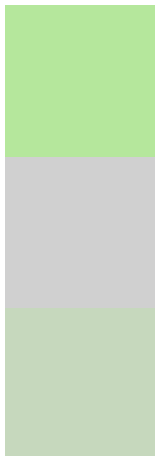
Deuteranomaly

62.8959, 68.1438, 43.0958

Tritanomaly

59.2966, 69.2233, 69.9107

Monochromacy



Original Color

53.6327, 69.3759, 42.0166

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.0299, 64.7916, 57.6444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6327, 69.3759, 42.0166 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(181, 231, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 231, 156)  
}
```

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(181, 231, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 231, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.6327, 69.3759, 42.0166 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(181, 231, 156) }
```


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

```
.border{ border-color:rgb(181, 231, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 231, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 231, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 231, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 231,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6327, 69.3759, 42.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 231, 156) }
```

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

```
.background{ background-color: rgb(181,  
231, 156) }
```

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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