

Converting Colors

XYZ(52.6696, 70.6090, 60.6785)

Have a look what the booklet for
XYZ(52.6696, 70.6090, 60.6785)
contains.

| | |
|--|----|
| XYZ(52.6467, 70.5690, 60.7156) | 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(52.6467, 70.5690,
60.7156)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99ECC0 |
| RGB | 153, 236, 192 |
| RGB Percent | 60%, 93%, 75% |
| CMY | 0.4000, 0.0745, 0.2471 |
| CMYK | 0.35, 0.00, 0.19, 0.07 |
| HSL | 148°, 69%, 76% |
| HSV | 148°, 35%, 93% |
| XYZ | 52.6467, 70.5690, 60.7156 |
| YIQ | 206.1670, -35.3440, -31.2800 |

Conversions

Conversions Part 2

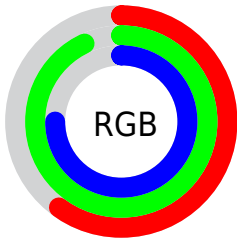
| Format | Color |
|-------------------------------------|--|
| RYB | 153, 209, 236 |
| Decimal | 10087616 |
| CIELab | 87.28, -34.52, 13.44 |
| CIELCh | 87, 37.049, 158.725 |
| Yxy | 70.5690, 0.2862, 0.3837 |
| Android (android.graphics.Color) | 4288277696 (0xFF99ECC0) |
| YUV | 206.1670, -6.9843, -46.6275 |
| Hunter-Lab | 84.0054, -35.1423, 15.9514 |

Details

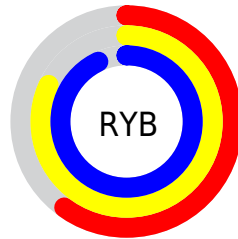
The XYZ color **52.6467, 70.5690, 60.7156** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.0637, 44.6481, 58.4890**, and the grayscale version is **58.8342, 61.8982, 67.4071**.

A 20% lighter version of the original color is **79.2816, 91.9989, 102.3859**, and **25.9457, 37.0742, 29.8333** is the 20% darker color. If you saturate the color by 10%, you get **47.2975, 67.9667, 53.5345**, and if you desaturate by 10%, it is **58.9985, 73.6783, 68.5619**.

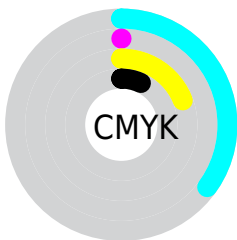
Distribution



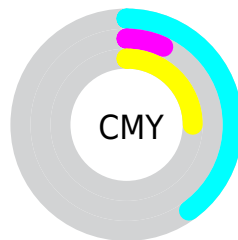
- Red (60%)
- Green (93%)
- Blue (75%)



- Red (60%)
- Yellow (82%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)





- Cyan (40%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6467, 70.5690, 60.7156 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 52.6467, 70.5690, 60.7156 by changing the saturation by 10% instead.


 52.6467, 70.5690,
60.7156


 52.6467, 70.5690,
60.7156


387.2113,
462.5453, 445.1081

 37.7472, 51.9905,
43.5666


 93.2529, 120.0198,
107.4206

 25.9628, 36.9975,
29.9953

 119.6902,
151.6610, 137.8136

 16.9284, 25.2056,
19.5830


150.7042,
188.4252, 173.4584

 10.2784, 16.2303,
11.9112

186.6602,
230.6968, 214.7736

 5.6476, 9.6873,
6.5614

227.9235,
278.8602, 262.1776

 2.6706, 5.1921,
3.1151

274.8596,

 0.9821, 2.3604,

333.2999, 316.0890

1.1537

327.8337,
394.4001, 376.9263

■ 0.0000, 0.8054,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6467, 70.5690,
60.7156

■ 52.6467, 70.5690,
60.7156

■ 47.2975, 67.9667,
53.5345

■ 58.9985, 73.6783,
68.5619

■ 42.8901, 65.8348,
46.9960

■ 66.3980, 77.3119,
77.0857

■ 39.3657, 64.1451,
41.0830

■ 74.8941, 81.4966,
86.3049

■ 36.6560, 62.8629,
35.7758

■ 84.5312, 86.2548,
96.2354

■ 34.6820, 61.9477,
31.0535

■ 89.2159, 88.4452,
106.6054

■ 33.3471, 61.3503,
26.8934

■ 89.2868, 88.4736,
106.9789

■ 32.8600, 61.1389,
25.0765

Harmonies

Analogous

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



57.1328, 70.5690, 45.1644



52.6467, 70.5690, 60.7156



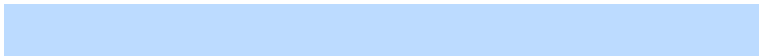
51.8446, 70.5690, 84.3458

Triad

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



52.6467, 70.5690, 60.7156



69.6465, 70.5690, 134.6643



81.0059, 70.5690, 50.5686

Complementary

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



52.6467, 70.5690, 60.7156



56.0637, 44.6481, 58.4890

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.



85.0264, 70.5690, 69.7889



52.6467, 70.5690, 60.7156



78.1057, 70.5690, 120.6590

Square

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



52.6467, 70.5690, 60.7156



61.1788, 70.5690, 130.7583



83.9215, 70.5690, 95.5874



73.3356, 70.5690, 40.2488

Rectangle

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



52.6467, 70.5690, 60.7156



53.4332, 70.5690, 102.2715



83.9215, 70.5690, 95.5874



82.8580, 70.5690, 56.0143

Sweetspot

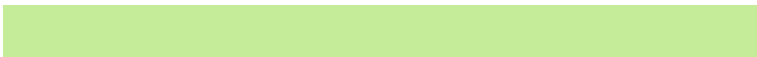
The Sweet Spot groups the original color and five complimentary colors.



52.6486, 70.5719, 60.7172



83.1702, 94.1418, 96.3268



58.8434, 74.2003, 41.3584



17.5128, 20.0079, 20.3014



0.0000, 0.0000, 0.0000



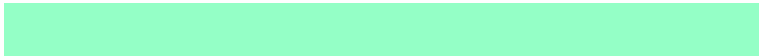
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6486, 70.5719, 60.7172



58.1734, 81.8941, 66.3020



57.8760, 72.6628, 88.2440



15.1629, 16.9800, 17.5408



18.1765, 33.7251, 14.1604



1.4755, 2.6675, 1.3660

Inverse Universe

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



56.0637, 44.6481, 58.4890



62.7947, 46.8007, 63.2774



51.9663, 43.0091, 36.9124



15.3992, 15.1875, 17.3874



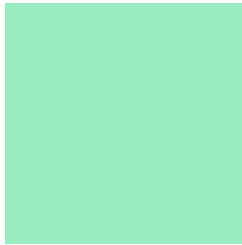
21.1782, 10.6740, 12.0057



1.7116, 0.8576, 1.1985

Previews

White Background



This preview shows how the XYZ color 52.6467, 70.5690, 60.7156 looks on a white background.

Color Contrast Check

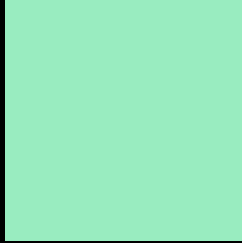
Large Text (above 18pt) WCAG AA × Fail

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 52.6467, 70.5690, 60.7156 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 52.6467, 70.5690, 60.7156

Background



This preview shows how black text looks on a background with the XYZ color 52.6467, 70.5690, 60.7156.



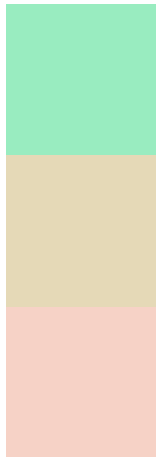
This preview shows how white text looks on a background with the XYZ color 52.6467, 70.5690,

60.7156.

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

52.6467, 70.5690, 60.7156

Protanopia

65.6732, 69.7026, 54.7923

Deuteranopia

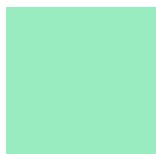
71.2457, 69.7632, 63.1367



Tritanopia

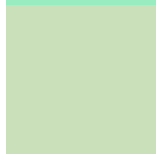
60.0490, 70.2015, 98.3810

Trichromacy



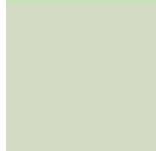
Original Color

52.6467, 70.5690, 60.7156



Protanomaly

59.6060, 69.2740, 56.6840



Deuteranomaly

62.4467, 68.6456, 62.1832



Tritanomaly

57.1390, 70.2749, 83.2259

Monochromacy



Original Color

52.6467, 70.5690, 60.7156



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.8490, 64.4076, 64.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6467, 70.5690, 60.7156 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(153, 236, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 236, 192)  
}
```

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(153, 236, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 236, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.6467, 70.5690, 60.7156 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(153, 236, 192) }
```


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

```
.border{ border-color:rgb(153, 236, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 236, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 236, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 236, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 236,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6467, 70.5690, 60.7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 236, 192) }
```

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

```
.background{ background-color: rgb(153,  
236, 192) }
```

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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