

Converting Colors

XYZ(60.3513, 69.4670, 89.2444)

Have a look what the booklet for
XYZ(60.3513, 69.4670, 89.2444)
contains.

XYZ(60.4256, 69.3715, 89.5622)	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(60.4256, 69.3715,
89.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1EC
RGB	178, 225, 236
RGB Percent	70%, 88%, 93%
CMY	0.3020, 0.1176, 0.0745
CMYK	0.25, 0.05, 0.00, 0.07
HSL	191°, 60%, 81%
HSV	191°, 25%, 93%
XYZ	60.4256, 69.3715, 89.5622
YIQ	212.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

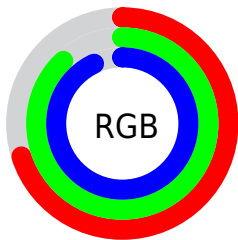
Format	Color
RYB	178, 204, 236
Decimal	11723244
CIELab	86.69, -12.69, -10.34
CIELCh	87, 16.372, 219.187
Yxy	69.3715, 0.2755, 0.3162
Android (android.graphics.Color)	4289913324 (0xFFB2E1EC)
YUV	212.2010, 11.7329, -29.9943
Hunter-Lab	83.2896, -16.2571, -5.4525

Details

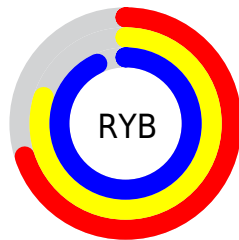
The XYZ color **60.4256, 69.3715, 89.5622** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8263, 57.4427, 50.0026**, and the grayscale version is **62.6540, 65.9169, 71.7835**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **30.9251, 36.3298, 48.5624** is the 20% darker color. If you saturate the color by 10%, you get **54.2761, 64.4306, 88.9338**, and if you desaturate by 10%, it is **67.5424, 74.8616, 90.2480**.

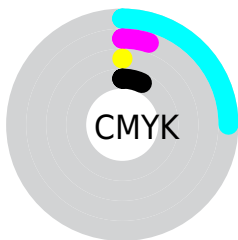
Distribution



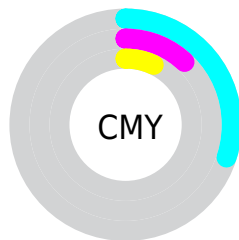
- Red (70%)
- Green (88%)
- Blue (93%)



- Red (70%)
- Yellow (80%)
- Blue (93%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4256, 69.3715, 89.5622 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 60.4256, 69.3715, 89.5622 by changing the saturation by 10% instead.

60.4256, 69.3715,
89.5622

60.4256, 69.3715,
89.5622

415.9744,
458.3401, 547.1390

44.0125, 51.0143,
67.0459

104.5496,
118.3120, 148.6603

30.8783, 36.2200,
48.6601

132.9913,
149.6642, 186.0793

20.6576, 24.6042,
33.9862

166.1733,
186.1168, 229.3028

12.9850, 15.7824,
22.6058

204.4609,
228.0542, 278.7495

7.4951, 9.3703,
14.1001

248.2194,
275.8608, 334.8380

3.8227, 4.9835,
8.0508

297.8143,

1.6023, 2.2376,

329.9211, 397.9867

4.0392

353.6108,
390.6194, 468.6142

■ 0.3939, 0.7404,
1.6469

■ 0.0000, 0.0000,
0.3240

■ 60.4256, 69.3715,
89.5622

■ 60.4256, 69.3715,
89.5622

■ 54.2761, 64.4306,
88.9338

■ 67.5424, 74.8616,
90.2480

■ 49.0399, 60.0055,
88.3556

■ 75.6650, 80.9159,
90.9884

■ 44.6669, 56.0717,
87.8268

■ 84.8369, 87.5589,
91.7873

■ 41.0995, 52.5993,
87.3446

■ 88.4023, 91.3598,
92.3330

■ 38.2728, 49.5543,
86.9058

■ 89.7572, 94.0695,
92.7846

■ 36.1118, 46.8978,
86.5070

■ 91.1449, 96.8450,
93.2472

■ 34.5244, 44.5818,
86.1436

■ 92.1406, 98.8362,
93.5790

■ 33.8266, 43.4284,
85.9577

Harmonies

Analogous

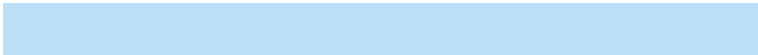
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.9734, 69.3715, 78.9288



60.4256, 69.3715, 89.5622



63.3698, 69.3715, 96.8621

Triad

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



60.4256, 69.3715, 89.5622



73.0138, 69.3715, 83.2265



64.7743, 69.3715, 56.6794

Complementary

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



60.4256, 69.3715, 89.5622



60.8263, 57.4427, 50.0026

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.



68.5696, 69.3715, 57.5914



60.4256, 69.3715, 89.5622



73.4251, 69.3715, 72.2375

Square

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



60.4256, 69.3715, 89.5622



70.6674, 69.3715, 92.9668



71.7706, 69.3715, 63.0525



61.4198, 69.3715, 60.4288

Rectangle

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



60.4256, 69.3715, 89.5622



65.8318, 69.3715, 98.4826



71.7706, 69.3715, 63.0525



66.0394, 69.3715, 56.4594

Sweetspot

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



60.4277, 69.3743, 89.5638



87.7149, 94.6299, 108.2501



57.5024, 73.1154, 59.0191



18.6454, 20.1590, 23.1583



0.0000, 0.0000, 0.0000



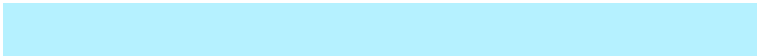
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4277, 69.3743, 89.5638



68.5667, 79.9476, 106.4253



53.3245, 55.1680, 87.1961



15.2608, 16.6081, 19.3236



18.7360, 24.1190, 47.4109



1.5337, 2.0188, 3.7437

Inverse Universe

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



64.1047, 55.1115, 78.4962



73.6480, 60.6777, 91.0324



67.6057, 71.0014, 52.2623



15.5852, 15.2619, 18.3670



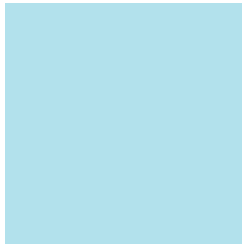
24.3124, 11.9276, 28.5100



1.9406, 0.9492, 2.4047

Previews

White Background



This preview shows how the XYZ color 60.4256, 69.3715, 89.5622 looks on a white background.

Color Contrast Check

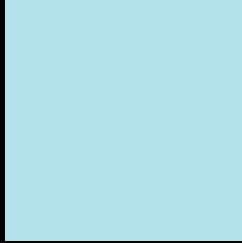
Large Text (above 18pt) WCAG AA × Fail

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 60.4256, 69.3715, 89.5622 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

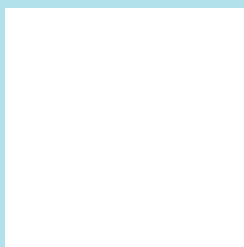
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4256, 69.3715, 89.5622

Background



This preview shows how black text looks on a background with the XYZ color 60.4256, 69.3715, 89.5622.

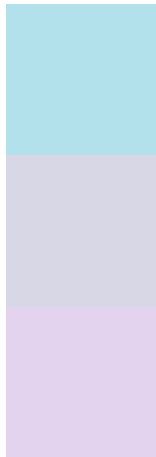


This preview shows how white text looks on a background with the XYZ color 60.4256, 69.3715,

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

60.4256, 69.3715, 89.5622

Protanopia

66.9023, 68.9130, 84.6383

Deuteranopia

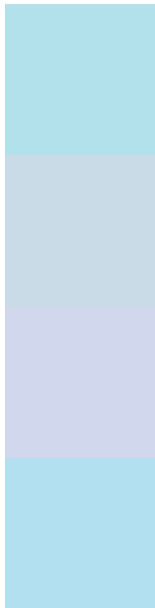
70.5528, 69.1514, 91.2904



Tritanopia

61.2731, 69.3058, 94.1523

Trichromacy



Original Color

60.4256, 69.3715, 89.5622

Protanomaly

64.2541, 69.0458, 86.2845

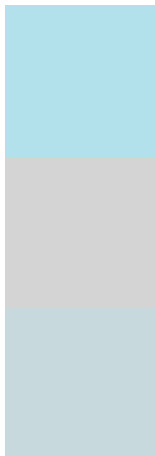
Deuteranomaly

66.2830, 68.8401, 90.6829

Tritanomaly

60.9742, 69.1863, 92.5787

Monochromacy



Original Color

60.4256, 69.3715, 89.5622

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6834, 67.1255, 78.1121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4256, 69.3715, 89.5622 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, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 236)  
}
```

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, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.4256, 69.3715, 89.5622 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, 225, 236) }
```


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

```
.border{ border-color:rgb(178, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(178, 225,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4256, 69.3715, 89.5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 236) }
```

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

```
.background{ background-color: rgb(178,  
225, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor