

Converting Colors

XYZ(60.7454, 69.6302, 91.2395)

Have a look what the booklet for
XYZ(60.7454, 69.6302, 91.2395)
contains.

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Color

**XYZ(60.7179, 69.4885,
91.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1EE
RGB	178, 225, 238
RGB Percent	70%, 88%, 93%
CMY	0.3020, 0.1176, 0.0667
CMYK	0.25, 0.05, 0.00, 0.07
HSL	193°, 64%, 82%
HSV	193°, 25%, 93%
XYZ	60.7179, 69.4885, 91.1014
YIQ	212.4290, -32.1850, -5.9210

Conversions

Conversions Part 2

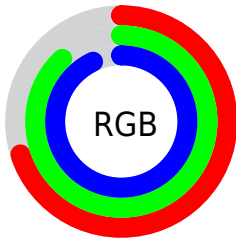
Format	Color
R_{YB}	178, 204, 238
Decimal	11723246
CIE _{Lab}	86.75, -12.25, -11.31
CIE _{LCh}	87, 16.671, 222.730
Yxy	69.4885, 0.2744, 0.3140
Android (android.graphics.Color)	4289913326 (0xFFB2E1EE)
YUV	212.4290, 12.6065, -30.1942
Hunter-Lab	83.3598, -15.8631, -6.4444

Details

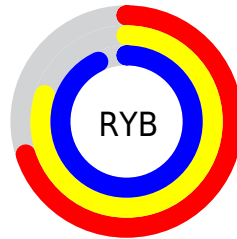
The XYZ color **60.7179, 69.4885, 91.1014** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.9273, 58.6533, 50.1781**, and the grayscale version is **62.8004, 66.0710, 71.9513**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.1304, 36.4119, 49.6434** is the 20% darker color. If you saturate the color by 10%, you get **54.3514, 64.1702, 90.4116**, and if you desaturate by 10%, it is **68.0780, 75.3850, 91.8528**.

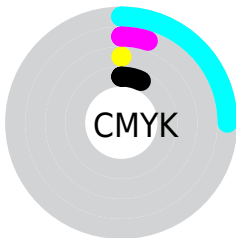
Distribution



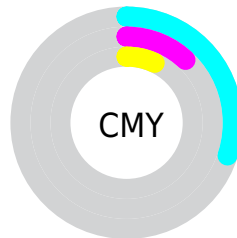
- Red (70%)
- Green (88%)
- Blue (93%)



- 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 60.7179, 69.4885, 91.1014 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 60.7179, 69.4885, 91.1014 by changing the saturation by 10% instead.

60.7179, 69.4885,
91.1014

60.7179, 69.4885,
91.1014

417.0314,
458.7520, 552.2695

44.2492, 51.1096,
68.3157

104.9708,
118.4790, 150.8162

31.0652, 36.2959,
49.6863

133.4857,
149.8595, 188.5823

20.8006, 24.6628,
34.7948

166.7468,
186.3426, 232.1790

13.0900, 15.8260,
23.2225

205.1193,
228.3128, 282.0248

7.5679, 9.4011,
14.5511

248.9687,
276.1544, 338.5382

3.8692, 5.0037,
8.3618

298.6602,

1.6284, 2.2494,

330.2519, 402.1377

4.2363

354.5593,
390.9896, 473.2420

■ 0.4108, 0.7468,
1.7558

■ 0.0000, 0.0000,
0.3986

■ 60.7179, 69.4885,
91.1014

■ 60.7179, 69.4885,
91.1014

■ 54.3514, 64.1702,
90.4116

■ 68.0780, 75.3850,
91.8528

■ 48.9230, 59.3957,
89.7761

■ 76.4713, 81.8754,
92.6632

■ 44.3811, 55.1396,
89.1940

■ 85.9426, 88.9851,
93.5363

■ 40.6665, 51.3708,
88.6623

■ 89.5152, 93.1179,
94.1457

■ 37.7122, 48.0542,
88.1779

■ 91.1021, 96.2917,
94.6747

■ 35.4404, 45.1492,
87.7369

■ 92.4328, 98.9531,
95.1182

■ 33.7556, 42.6059,
87.3347

■ 33.0858, 41.4790,
87.1525

Harmonies

Analogous

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



59.0351, 69.4885, 80.4668



60.7179, 69.4885, 91.1014



63.8571, 69.4885, 97.9479

Triad

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



60.7179, 69.4885, 91.1014



73.4284, 69.4885, 82.1816



64.4167, 69.4885, 56.6789

Complementary

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



60.7179, 69.4885, 91.1014



61.9273, 58.6533, 50.1781

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.



68.2859, 69.4885, 57.0408



60.7179, 69.4885, 91.1014



73.5927, 69.4885, 71.0508

Square

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



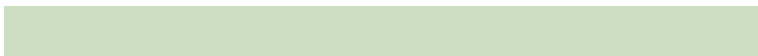
60.7179, 69.4885, 91.1014



71.2383, 69.4885, 92.4622



71.6786, 69.4885, 62.0722



61.1137, 69.4885, 61.0296

Rectangle

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



60.7179, 69.4885, 91.1014



66.4027, 69.4885, 99.0672



71.6786, 69.4885, 62.0722



65.6921, 69.4885, 56.2667

Sweetspot

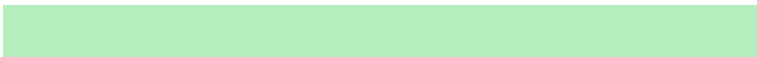
The Sweet Spot groups the original color and five complimentary colors.



60.7200, 69.4913, 91.1030



86.5454, 93.5470, 108.1027



58.2302, 74.3331, 59.9952



18.2013, 19.7743, 23.1075



0.0000, 0.0000, 0.0000



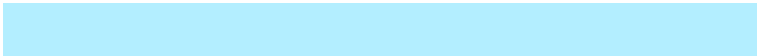
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7200, 69.4913, 91.1030



67.2245, 78.1432, 106.1478



53.5340, 55.1193, 88.7076



15.9399, 17.3139, 20.2234



18.5572, 23.3386, 48.6546



1.6150, 2.0840, 4.0713

Inverse Universe

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



64.7725, 55.4557, 78.5276



72.7557, 59.4984, 88.8691



68.8902, 72.5792, 52.4991



16.2991, 15.9694, 19.1313



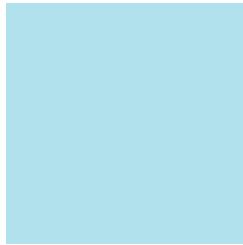
24.6924, 12.1494, 27.3605



2.0901, 1.0251, 2.4654

Previews

White Background



This preview shows how the XYZ color 60.7179, 69.4885, 91.1014 looks on a white background.

Color Contrast Check

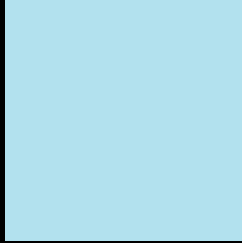
Large Text (above 18pt) WCAG AA × Fail

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 60.7179, 69.4885, 91.1014 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 60.7179, 69.4885, 91.1014

Background



This preview shows how black text looks on a background with the XYZ color 60.7179, 69.4885, 91.1014.

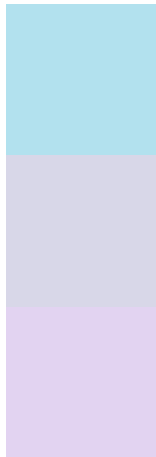


This preview shows how white text looks on a background with the XYZ color 60.7179, 69.4885,

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

60.7179, 69.4885, 91.1014

Protanopia

67.1848, 69.0260, 86.1263

Deuteranopia

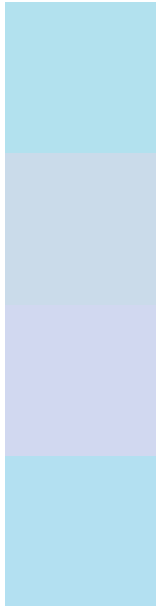
70.5355, 69.1082, 92.8407



Tritanopia

61.2731, 69.3058, 94.1523

Trichromacy



Original Color

60.7179, 69.4885, 91.1014

Protanomaly

64.5399, 69.1601, 87.7895

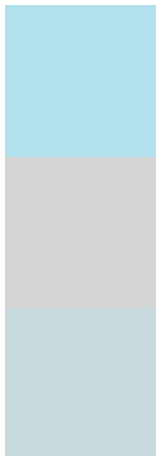
Deuteranomaly

66.5785, 68.9583, 92.2393

Tritanomaly

61.1232, 69.2459, 93.3633

Monochromacy



Original Color

60.7179, 69.4885, 91.1014

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 60.7179, 69.4885, 91.1014 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.7179, 69.4885, 91.1014 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, 238) }
```


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

```
.border{ border-color:rgb(178, 225, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 225, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 225, 238); box-shadow:4px 4px 4px 4px rgb(178, 225, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7179, 69.4885, 91.1014 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, 238) }
```

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

```
.background{ background-color: rgb(178,  
225, 238) }
```

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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