

Converting Colors

XYZ(51.4384, 61.5243, 82.5637)

Have a look what the booklet for
XYZ(51.4384, 61.5243, 82.5637)
contains.

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Color

**XYZ(51.3220, 61.2925,
82.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	97D8E4
RGB	151, 216, 228
RGB Percent	59%, 85%, 89%
CMY	0.4078, 0.1529, 0.1059
CMYK	0.34, 0.05, 0.00, 0.11
HSL	189°, 59%, 74%
HSV	189°, 34%, 89%
XYZ	51.3220, 61.2925, 82.5245
YIQ	197.9330, -42.5920, -10.0480

Conversions

Conversions Part 2

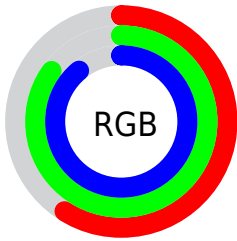
Format	Color
R_{YB}	151, 186, 228
Decimal	9951460
CIE _{Lab}	82.54, -17.57, -12.46
CIE _{LCh}	83, 21.539, 215.344
Yxy	61.2925, 0.2630, 0.3141
Android (android.graphics.Color)	4288141540 (0xFF97D8E4)
YUV	197.9330, 14.8230, -41.1602
Hunter-Lab	78.2895, -19.9926, -7.6945

Details

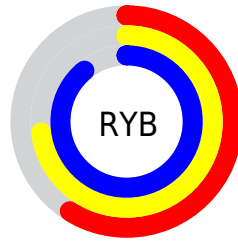
The XYZ color **51.3220, 61.2925, 82.5245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6790, 44.9235, 35.2797**, and the grayscale version is **53.5687, 56.3584, 61.3743**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **25.1116, 30.9937, 44.1940** is the 20% darker color. If you saturate the color by 10%, you get **46.5930, 57.5194, 82.0465**, and if you desaturate by 10%, it is **56.8926, 65.5316, 83.0502**.

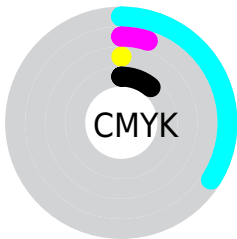
Distribution



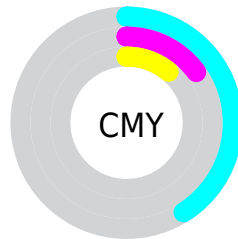
- Red (59%)
- Green (85%)
- Blue (89%)



- Red (59%)
- Yellow (73%)
- Blue (89%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)





- Cyan (41%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3220, 61.2925, 82.5245 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 51.3220, 61.2925, 82.5245 by changing the saturation by 10% instead.


 51.3220, 61.2925,
82.5245


 51.3220, 61.2925,
82.5245


382.1806,
429.3457, 523.3299

 36.6870, 44.4613,
61.2596


 91.3107, 106.7023,
138.7526

 25.1378, 31.0333,
44.0028


 117.3952,
136.0497, 174.5528

 16.3090, 20.6242,
30.3355


148.0268,
170.3380, 216.0353

 9.8353, 12.8496,
19.8392


183.5711,
209.9515, 263.6186

 5.3513, 7.3251,
12.0953

224.3932,
255.2746, 317.7211

 2.4917, 3.6662,
6.6853

270.8586,

 0.8911, 1.4887,

306.6917, 378.7615

3.1906

323.3326,
364.5873, 447.1582

■ 0.0000, 0.2807,
1.1928

■ 0.0000, 0.0000,
0.0000

■ 51.3220, 61.2925,
82.5245

■ 51.3220, 61.2925,
82.5245

■ 46.5930, 57.5194,
82.0465

■ 56.8926, 65.5316,
83.0502

■ 42.6526, 54.1805,
81.6097

■ 63.3430, 70.2522,
83.6214

■ 39.4503, 51.2509,
81.2130

■ 70.7156, 75.4777,
84.2414

■ 36.9275, 48.7002,
80.8537

■ 79.0484, 81.2280,
84.9121

■ 35.0160, 46.4932,
80.5284

■ 84.6004, 85.5747,
85.4585

■ 33.6333, 44.5871,
80.2334

■ 85.6207, 87.6152,
85.7986

■ 32.9579, 43.5098,
80.0610

■ 86.6613, 89.6966,
86.1455

■ 87.7225, 91.8190,
86.4992

■ 88.8043, 93.9826,
86.8598

Harmonies

Analogous

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



49.8701, 61.2925, 69.1294



51.3220, 61.2925, 82.5245



54.6369, 61.2925, 92.5667

Triad

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



51.3220, 61.2925, 82.5245



66.6888, 61.2925, 77.8961



57.4351, 61.2925, 44.5200

Complementary

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



51.3220, 61.2925, 82.5245



50.6790, 44.9235, 35.2797

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.



62.0329, 61.2925, 46.2238



51.3220, 61.2925, 82.5245



67.5344, 61.2925, 64.4007

Square

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



51.3220, 61.2925, 82.5245



63.5358, 61.2925, 89.6573



65.7895, 61.2925, 53.1037



53.2784, 61.2925, 48.0994

Rectangle

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



51.3220, 61.2925, 82.5245



57.5402, 61.2925, 95.3686



65.7895, 61.2925, 53.1037



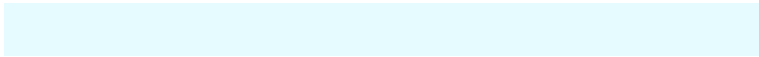
58.9791, 61.2925, 44.4997

Sweetspot

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



51.3238, 61.2949, 82.5259



85.0284, 92.9714, 108.0715



47.0779, 64.6956, 44.4471



17.9193, 19.6999, 23.1080



0.0000, 0.0000, 0.0000



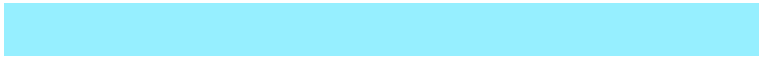
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3238, 61.2949, 82.5259



61.4921, 75.3098, 105.9030



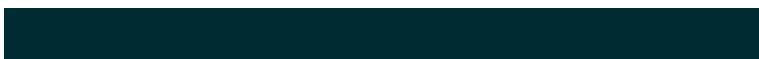
42.6780, 44.0032, 79.6440



14.6061, 15.9337, 18.4500



19.1024, 25.2670, 46.2534



1.4634, 1.9707, 3.4352

Inverse Universe

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



55.4578, 43.5867, 70.4585



67.7554, 49.4314, 87.4065



58.4804, 60.5264, 37.8802



14.8935, 14.5746, 17.6398



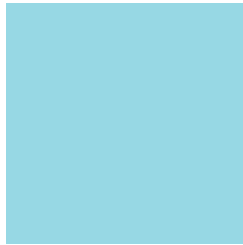
24.0355, 11.7484, 30.1458



1.8023, 0.8786, 2.3652

Previews

White Background



This preview shows how the XYZ color 51.3220, 61.2925, 82.5245 looks on a white background.

Color Contrast Check

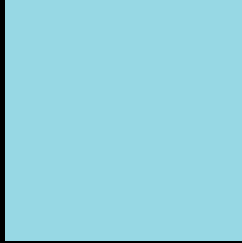
Large Text (above 18pt) WCAG AA × Fail

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 51.3220, 61.2925, 82.5245 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

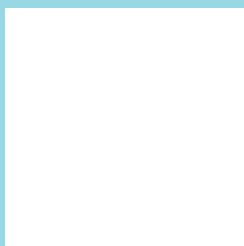
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3220, 61.2925, 82.5245

Background



This preview shows how black text looks on a background with the XYZ color 51.3220, 61.2925, 82.5245.



This preview shows how white text looks on a background with the XYZ color 51.3220, 61.2925,

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

51.3220, 61.2925, 82.5245

Protanopia

59.1760, 60.7165, 76.3107

Deuteranopia

62.1403, 60.6701, 84.7793



Tritanopia

51.9573, 61.1595, 86.1573

Trichromacy



Original Color

51.3220, 61.2925, 82.5245

Protanomaly

55.8827, 60.7538, 78.5933

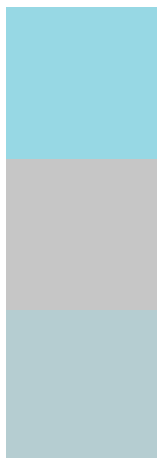
Deuteranomaly

57.4903, 60.3793, 84.2256

Tritanomaly

51.6731, 61.0458, 84.6609

Monochromacy



Original Color

51.3220, 61.2925, 82.5245

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3960, 58.0898, 68.7725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3220, 61.2925, 82.5245 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(151, 216, 228)` looks like.

```
.text, #text, p{  
    color:rgb(151, 216, 228)  
}
```

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(151, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 216, 228) }
```

Border

The CSS property to change the border of an element to XYZ 51.3220, 61.2925, 82.5245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

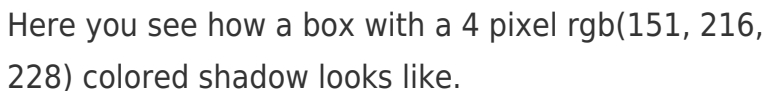
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 216, 228) }
```


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

```
.border{ border-color:rgb(151, 216, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 216, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 216, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 216, 228); box-shadow:4px 4px 4px 4px rgb(151, 216, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3220, 61.2925, 82.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 216, 228) }
```

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

```
.background{ background-color: rgb(151,  
216, 228) }
```

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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