

Converting Colors

XYZ(52.5362, 62.4761, 84.9578)

Have a look what the booklet for
XYZ(52.5362, 62.4761, 84.9578)
contains.

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Color

**XYZ(52.6321, 62.6846,
84.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	99DAE7
RGB	153, 218, 231
RGB Percent	60%, 85%, 91%
CMY	0.4000, 0.1451, 0.0941
CMYK	0.34, 0.06, 0.00, 0.09
HSL	190°, 62%, 75%
HSV	190°, 34%, 91%
XYZ	52.6321, 62.6846, 84.9266
YIQ	200.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

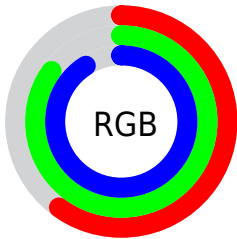
Format	Color
RYB	153, 188, 231
Decimal	10083047
CIELab	83.28, -17.33, -12.94
CIELCh	83, 21.622, 216.747
Yxy	62.6846, 0.2628, 0.3130
Android (android.graphics.Color)	4288273127 (0xFF99DAE7)
YUV	200.0470, 15.2598, -41.2602
Hunter-Lab	79.1736, -19.8927, -8.1767

Details

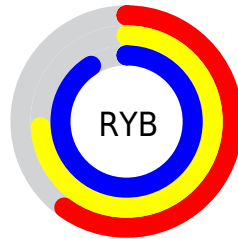
The XYZ color **52.6321, 62.6846, 84.9266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3420, 46.5621, 36.3673**, and the grayscale version is **54.8581, 57.7150, 62.8517**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **25.8721, 31.8862, 45.3485** is the 20% darker color. If you saturate the color by 10%, you get **47.7008, 58.6792, 84.4144**, and if you desaturate by 10%, it is **58.4343, 67.1765, 85.4889**.

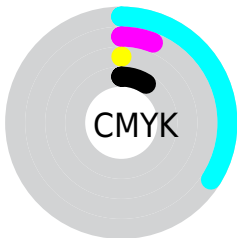
Distribution



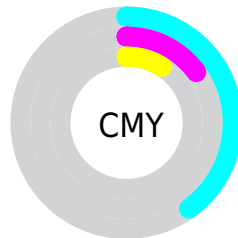
- Red (60%)
- Green (85%)
- Blue (91%)



- Red (60%)
- Yellow (74%)
- Blue (91%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6321, 62.6846, 84.9266 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 52.6321, 62.6846, 84.9266 by changing the saturation by 10% instead.

■ 52.6321, 62.6846,
84.9266

■ 52.6321, 62.6846,
84.9266

387.1560,
434.4239, 531.5234

■ 37.7355, 45.5861,
63.2309

■ 93.2315, 108.7144,
142.1439

■ 25.9537, 31.9193,
45.5859

■ 119.6650,
138.4144, 178.5026

■ 16.9215, 21.2999,
31.5728

150.6748,
173.0838, 220.5860

■ 10.2735, 13.3434,
20.7733

186.6263,
213.1068, 268.8127

■ 5.6443, 7.6654,
12.7688

227.8848,
258.8680, 323.6013

■ 2.6686, 3.8816,
7.1407

274.8157,

■ 0.9811, 1.6076,

310.7516, 385.3702

3.4705

327.7843,
369.1421, 454.5381

■ 0.0000, 0.3627,
1.3396

■ 0.0000, 0.0000,
0.0939

■ 52.6321, 62.6846,
84.9266

■ 52.6321, 62.6846,
84.9266

■ 47.7008, 58.6792,
84.4144

■ 58.4343, 67.1765,
85.4889

■ 43.5858, 55.1272,
83.9457

■ 65.1470, 72.1708,
86.0991

■ 40.2348, 52.0031,
83.5193

■ 72.8138, 77.6919,
86.7607

■ 37.5872, 49.2753,
83.1324

■ 81.4741, 83.7603,
87.4755

■ 35.5726, 46.9073,
82.7815

■ 86.0209, 87.7434,
88.0047

■ 34.1058, 44.8549,
82.4626

■ 87.1490, 89.9996,
88.3808

■ 33.3852, 43.6920,
82.2762

■ 88.3012, 92.3040,
88.7648

■ 89.4776, 94.6569,
89.1570

■ 90.6784, 97.0585,
89.5572

Harmonies

Analogous

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



51.0534, 62.6846, 71.3369



52.6321, 62.6846, 84.9266



56.0849, 62.6846, 94.8820

Triad

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



52.6321, 62.6846, 84.9266



68.2688, 62.6846, 78.9821



58.5251, 62.6846, 45.6541

Complementary

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



52.6321, 62.6846, 84.9266



52.3420, 46.5621, 36.3673

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.



63.2170, 62.6846, 47.1399



52.6321, 62.6846, 84.9266



69.0063, 62.6846, 65.2590

Square

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



52.6321, 62.6846, 84.9266



65.1482, 62.6846, 91.1471



67.1136, 62.6846, 53.9182



54.3382, 62.6846, 49.5543

Rectangle

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



52.6321, 62.6846, 84.9266



59.0688, 62.6846, 97.4703



67.1136, 62.6846, 53.9182



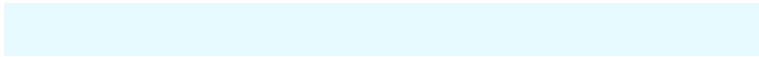
60.0938, 62.6846, 45.5491

Sweetspot

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



52.6340, 62.6871, 84.9280



84.9422, 92.7991, 108.0428



48.4785, 66.6311, 45.7620



17.8984, 19.6579, 23.1010



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.



52.6340, 62.6871, 84.9280



61.1624, 74.6503, 105.7931



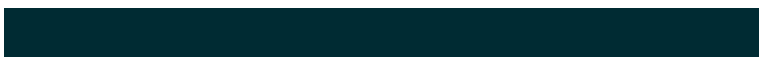
43.9441, 45.3072, 82.0314



14.5923, 15.9060, 18.4454



18.7949, 24.6518, 46.1509



1.4434, 1.9307, 3.4286

Inverse Universe

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



57.0027, 44.8350, 71.9820



67.5889, 49.3648, 86.5301



60.2277, 62.3335, 38.9959



14.8866, 14.5718, 17.6030



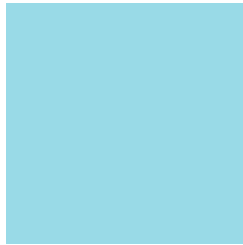
23.8803, 11.6863, 29.3283



1.7922, 0.8746, 2.3122

Previews

White Background



This preview shows how the XYZ color 52.6321, 62.6846, 84.9266 looks on a white background.

Color Contrast Check

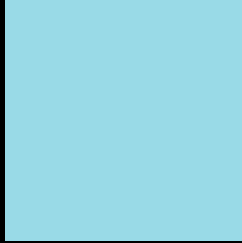
Large Text (above 18pt) WCAG AA × Fail

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 52.6321, 62.6846, 84.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

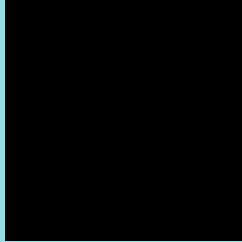
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6321, 62.6846, 84.9266

Background



This preview shows how black text looks on a background with the XYZ color 52.6321, 62.6846, 84.9266.

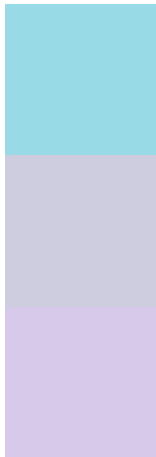


This preview shows how white text looks on a background with the XYZ color 52.6321, 62.6846,

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

52.6321, 62.6846, 84.9266

Protanopia

60.6042, 62.1122, 78.6067

Deuteranopia

63.4695, 62.0099, 86.4658



Tritanopia

53.1347, 62.4939, 87.8593

Trichromacy



Original Color

52.6321, 62.6846, 84.9266

Protanomaly

57.2676, 62.1490, 80.9291

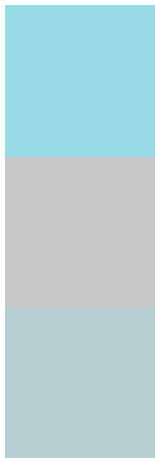
Deuteranomaly

58.7590, 61.7153, 85.9061

Tritanomaly

52.9906, 62.4362, 87.1004

Monochromacy



Original Color

52.6321, 62.6846, 84.9266

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5991, 59.3961, 70.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6321, 62.6846, 84.9266 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, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(153, 218, 231)  
}
```

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, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 218, 231) }
```

Border

The CSS property to change the border of an element to XYZ 52.6321, 62.6846, 84.9266 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, 218, 231) }
```


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

```
.border{ border-color:rgb(153, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(153, 218,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6321, 62.6846, 84.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 218, 231) }
```

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

```
.background{ background-color: rgb(153,  
218, 231) }
```

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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