

Converting Colors

XYZ(52.5803, 61.9714, 75.1006)

Have a look what the booklet for
XYZ(52.5803, 61.9714, 75.1006)
contains.

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Color

**XYZ(52.5973, 62.1208,
74.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D8D9
RGB	165, 216, 217
RGB Percent	65%, 85%, 85%
CMY	0.3529, 0.1529, 0.1490
CMYK	0.24, 0.00, 0.00, 0.15
HSL	181°, 41%, 75%
HSV	181°, 24%, 85%
XYZ	52.5973, 62.1208, 74.8640
YIQ	200.8650, -30.7170, -10.5010

Conversions

Conversions Part 2

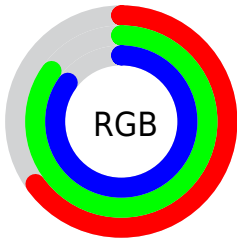
Format	Color
R _{YB}	165, 191, 217
Decimal	10868953
CIE Lab	82.98, -16.13, -5.87
CIE LCh	83, 17.165, 200.004
Yxy	62.1208, 0.2774, 0.3277
Android (android.graphics.Color)	4289059033 (0xFFA5D8D9)
YUV	200.8650, 7.9546, -31.4536
Hunter-Lab	78.8167, -18.8097, -1.1448

Details

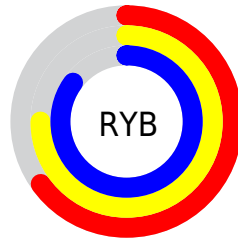
The XYZ color **52.5973, 62.1208, 74.8640** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0437, 44.7411, 41.6496**, and the grayscale version is **55.4011, 58.2863, 63.4738**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **25.9485, 31.5431, 38.9032** is the 20% darker color. If you saturate the color by 10%, you get **48.3551, 59.7774, 74.6363**, and if you desaturate by 10%, it is **57.6092, 64.8646, 75.1305**.

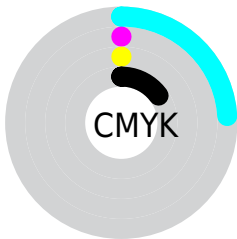
Distribution



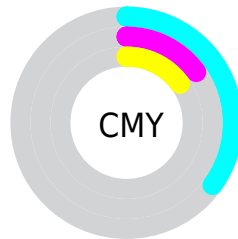
- Red (65%)
- Green (85%)
- Blue (85%)



- Red (65%)
- Yellow (75%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5973, 62.1208, 74.8640 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 52.5973, 62.1208, 74.8640 by changing the saturation by 10% instead.

■ 52.5973, 62.1208,
74.8640

■ 52.5973, 62.1208,
74.8640

387.0244,
432.3716, 496.6929

■ 37.7076, 45.1303,
55.0004

■ 93.1806, 107.9001,
127.8652

■ 25.9320, 31.5601,
39.0035

■ 119.6048,
137.4577, 161.8398

■ 16.9052, 21.0257,
26.4546

150.6046,
171.9731, 201.3552

■ 10.2618, 13.1428,
16.9352

186.5453,
211.8308, 246.8300

■ 5.6365, 7.5270,
10.0268

227.7923,
257.4151, 298.6826

■ 2.6639, 3.7938,
5.3109

274.7109,

■ 0.9786, 1.5589,

309.1104, 357.3316

2.3689

327.6665,
367.3011, 423.1955

■ 0.0000, 0.3296,
0.7694

■ 0.0000, 0.0000,
0.0000

■ 52.5973, 62.1208,
74.8640

■ 52.5973, 62.1208,
74.8640

■ 48.3551, 59.7774,
74.6363

■ 57.6092, 64.8646,
75.1305

■ 44.8386, 57.8068,
74.4413

■ 63.4212, 68.0197,
75.4331

■ 42.0075, 56.1901,
74.2784

■ 70.0689, 71.6060,
75.7750

■ 39.8156, 54.9032,
74.1455

■ 77.5839, 75.6399,
76.1575

■ 38.2108, 53.9194,
74.0402

■ 78.8581, 76.4569,
76.2481

■ 37.1330, 53.2076,
73.9597

■ 78.9662, 76.6731,
76.2841

■ 36.5091, 52.7303,
73.9004

■ 79.0746, 76.8899,
76.3202

■ 36.2785, 52.5176,
73.8715

■ 79.1833, 77.1072,
76.3565

■ 79.2922, 77.3251,
76.3928

Harmonies

Analogous

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



52.3000, 62.1208, 64.1577



52.5973, 62.1208, 74.8640



54.5809, 62.1208, 84.5107

Triad

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



52.5973, 62.1208, 74.8640



64.6736, 62.1208, 81.6235



60.2896, 62.1208, 49.4641

Complementary

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



52.5973, 62.1208, 74.8640



49.0437, 44.7411, 41.6496

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.



63.7439, 62.1208, 53.1769



52.5973, 62.1208, 74.8640



66.3441, 62.1208, 71.2439

Square

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



52.5973, 62.1208, 74.8640



61.5156, 62.1208, 88.6874



65.9970, 62.1208, 60.8945



56.6394, 62.1208, 50.2159

Rectangle

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



52.5973, 62.1208, 74.8640



56.6404, 62.1208, 88.6886



65.9970, 62.1208, 60.8945



61.5146, 62.1208, 50.2151

Sweetspot

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



52.5991, 62.1233, 74.8654



88.6760, 96.5521, 108.5704



47.2018, 60.3745, 45.1792



18.8687, 20.6056, 23.2327



0.0000, 0.0000, 0.0000



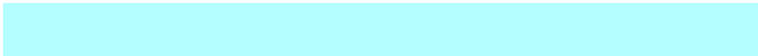
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5991, 62.1233, 74.8654



72.4270, 87.6682, 107.7121



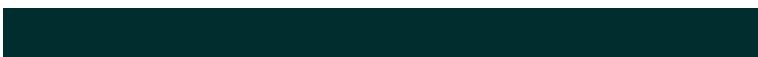
46.4850, 49.8950, 72.8274



13.4224, 14.7844, 16.7984



21.9702, 31.8099, 44.7204



1.4303, 2.0747, 2.8995

Inverse Universe

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



54.4665, 46.6212, 71.0967



75.5965, 61.4571, 101.2931



54.2283, 55.1103, 43.3778



13.6030, 13.2703, 16.4369



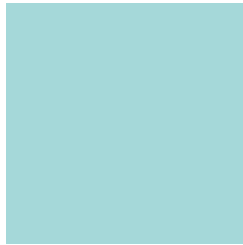
24.5849, 11.8350, 39.0556



1.5962, 0.7681, 2.5487

Previews

White Background



This preview shows how the XYZ color 52.5973, 62.1208, 74.8640 looks on a white background.

Color Contrast Check

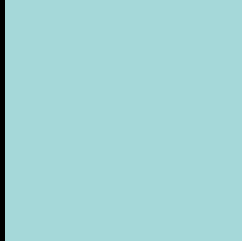
Large Text (above 18pt) WCAG AA × Fail

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 52.5973, 62.1208, 74.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

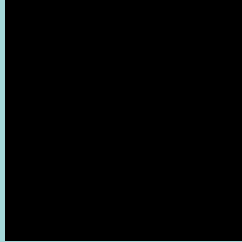
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5973, 62.1208, 74.8640

Background



This preview shows how black text looks on a background with the XYZ color 52.5973, 62.1208, 74.8640.

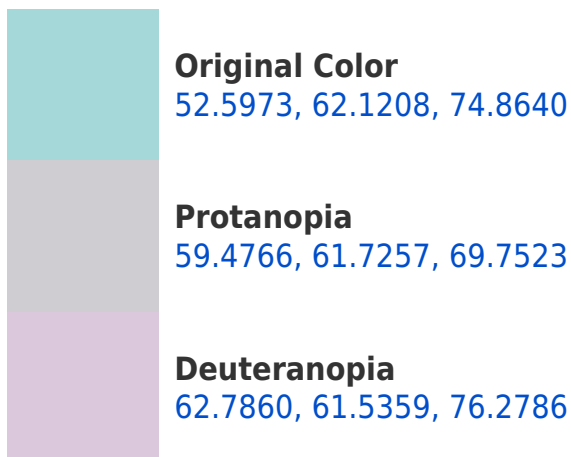


This preview shows how white text looks on a background with the XYZ color 52.5973, 62.1208,

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





Tritanopia

54.6188, 62.1875, 84.7260

Trichromacy



Original Color

52.5973, 62.1208, 74.8640

Protanomaly

56.5489, 61.6115, 71.8625

Deuteranomaly

58.4107, 61.3992, 75.7905

Tritanomaly

53.9643, 62.3074, 81.1338

Monochromacy



Original Color

52.5973, 62.1208, 74.8640

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.0728, 59.3390, 67.6351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5973, 62.1208, 74.8640 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(165, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(165, 216, 217)  
}
```

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(165, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 216, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.5973, 62.1208, 74.8640 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(165, 216, 217) }
```


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

```
.border{ border-color:rgb(165, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(165, 216,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5973, 62.1208, 74.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 216, 217) }
```

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

```
.background{ background-color: rgb(165,  
216, 217) }
```

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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