

Converting Colors

XYZ(52.3913, 61.5236, 87.4085)

Have a look what the booklet for
XYZ(52.3913, 61.5236, 87.4085)
contains.

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Color

**XYZ(52.2447, 61.2744,
87.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	98D7EB
RGB	152, 215, 235
RGB Percent	60%, 84%, 92%
CMY	0.4039, 0.1568, 0.0784
CMYK	0.35, 0.09, 0.00, 0.08
HSL	194°, 67%, 76%
HSV	194°, 35%, 92%
XYZ	52.2447, 61.2744, 87.6708
YIQ	198.4430, -43.9680, -7.1360

Conversions

Conversions Part 2

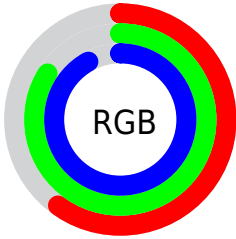
Format	Color
RYB	152, 188, 235
Decimal	10016747
CIELab	82.53, -15.10, -16.19
CIElCh	83, 22.141, 226.994
Yxy	61.2744, 0.2597, 0.3046
Android (android.graphics.Color)	4288206827 (0xFF98D7EB)
YUV	198.4430, 18.0226, -40.7305
Hunter-Lab	78.2780, -17.8510, -11.6098

Details

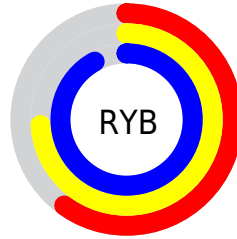
The XYZ color **52.2447, 61.2744, 87.6708** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6819, 49.4350, 36.3672**, and the grayscale version is **53.8604, 56.6653, 61.7086**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **25.6373, 30.9377, 47.2682** is the 20% darker color. If you saturate the color by 10%, you get **46.8580, 56.3953, 87.0140**, and if you desaturate by 10%, it is **58.5564, 66.7073, 88.3878**.

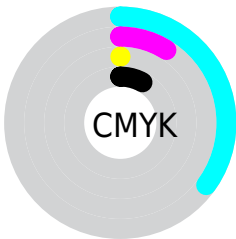
Distribution



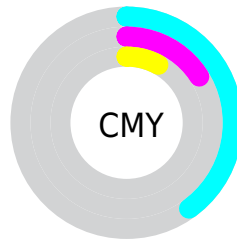
- Red (60%)
- Green (84%)
- Blue (92%)



- Red (60%)
- Yellow (74%)
- Blue (92%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2447, 61.2744, 87.6708 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 52.2447, 61.2744, 87.6708 by changing the saturation by 10% instead.

■ 52.2447, 61.2744,
87.6708

■ 52.2447, 61.2744,
87.6708

385.6890,
429.2794, 540.7979

■ 37.4252, 44.4467,
65.4877

■ 92.6641, 106.6761,
146.0059

■ 25.7121, 31.0218,
47.4028

■ 118.9947,
136.0189, 182.9949

■ 16.7399, 20.6155,
32.9976

149.8931,
170.3022, 225.7563

■ 10.1434, 12.8432,
21.8535

185.7247,
209.9103, 274.7086

■ 5.5571, 7.3207,
13.5520

226.8547,
255.2277, 330.2704

■ 2.6158, 3.6634,
7.6746

273.6485,

■ 0.9540, 1.4871,

306.6388, 392.8602

3.8026

326.4715,
364.5279, 462.8965

■ 0.0000, 0.2796,
1.5177

■ 0.0000, 0.0000,
0.2311

■ 52.2447, 61.2744,
87.6708

■ 52.2447, 61.2744,
87.6708

■ 46.8580, 56.3953,
87.0140

■ 58.5564, 66.7073,
88.3878

■ 42.3385, 52.0352,
86.4106

■ 65.8355, 72.7122,
89.1633

■ 38.6303, 48.1660,
85.8592

■ 74.1283, 79.3153,
90.0007

■ 35.6684, 44.7533,
85.3566

■ 83.4765, 86.5387,
90.9023

■ 33.3773, 41.7575,
84.8991

■ 88.3804, 91.5478,
91.6107

■ 31.6638, 39.1297,
84.4822

■ 90.1041, 94.9952,
92.1852

■ 30.9917, 37.9904,
84.2978

■ 91.8805, 98.5480,
92.7774

■ 91.9956, 98.7782,
92.8157

Harmonies

Analogous

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



49.9553, 61.2744, 74.6360



52.2447, 61.2744, 87.6708



56.2134, 61.2744, 95.5004

Triad

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



52.2447, 61.2744, 87.6708



67.5733, 61.2744, 72.7626



55.6176, 61.2744, 44.7494

Complementary

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



52.2447, 61.2744, 87.6708



54.6819, 49.4350, 36.3672

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.



60.3137, 61.2744, 44.3904



52.2447, 61.2744, 87.6708



67.3924, 61.2744, 59.3797

Square

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



52.2447, 61.2744, 87.6708



65.1579, 61.2744, 86.1400



64.6761, 61.2744, 49.4007



51.8290, 61.2744, 50.4586

Rectangle

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



52.2447, 61.2744, 87.6708



59.3556, 61.2744, 96.1052



64.6761, 61.2744, 49.4007



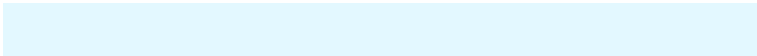
57.1374, 61.2744, 44.0292

Sweetspot

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



52.2466, 61.2768, 87.6722



83.3545, 90.8262, 107.7457



50.0443, 69.0476, 49.4030



17.5555, 19.2119, 23.0329



0.0000, 0.0000, 0.0000



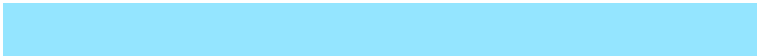
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2466, 61.2768, 87.6722



58.3180, 69.6533, 104.9785



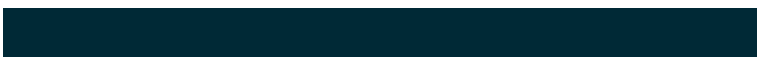
43.1076, 42.9988, 84.6259



15.1923, 16.4711, 19.3008



17.3522, 21.3514, 46.9496



1.4361, 1.8237, 3.7112

Inverse Universe

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



57.7565, 45.0265, 69.9394



65.9844, 48.0765, 80.0737



63.6904, 67.4520, 39.3700



15.5506, 15.2481, 18.1849



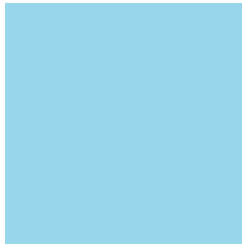
23.6139, 11.6482, 24.8318



1.8914, 0.9295, 2.1455

Previews

White Background



This preview shows how the XYZ color 52.2447, 61.2744, 87.6708 looks on a white background.

Color Contrast Check

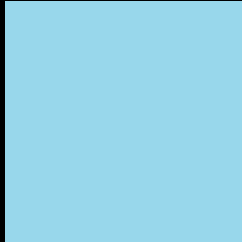
Large Text (above 18pt) WCAG AA × Fail

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 52.2447, 61.2744, 87.6708 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 52.2447, 61.2744, 87.6708

Background



This preview shows how black text looks on a background with the XYZ color 52.2447, 61.2744, 87.6708.



This preview shows how white text looks on a background with the XYZ color 52.2447, 61.2744,

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

52.2447, 61.2744, 87.6708

Protanopia

59.5782, 60.8145, 81.2713

Deuteranopia

62.0993, 60.8915, 89.3692



Tritanopia

51.7709, 61.0634, 86.1486

Trichromacy



Original Color

52.2447, 61.2744, 87.6708

Protanomaly

56.3629, 60.5292, 83.5756

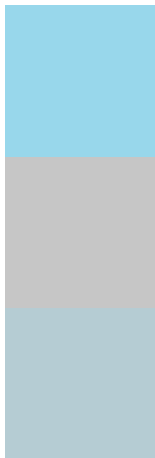
Deuteranomaly

57.8564, 60.4684, 88.7430

Tritanomaly

51.9142, 61.1207, 86.9032

Monochromacy



Original Color

52.2447, 61.2744, 87.6708

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.4068, 57.7126, 70.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2447, 61.2744, 87.6708 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(152, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(152, 215, 235)  
}
```

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(152, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 215, 235) }
```

Border

The CSS property to change the border of an element to XYZ 52.2447, 61.2744, 87.6708 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(152, 215, 235) }
```


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

```
.border{ border-color:rgb(152, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(152, 215,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2447, 61.2744, 87.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 215, 235) }
```

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

```
.background{ background-color: rgb(152,  
215, 235) }
```

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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