

Converting Colors

XYZ(52.7814, 61.9635, 86.2691)

Have a look what the booklet for
XYZ(52.7814, 61.9635, 86.2691)
contains.

XYZ(52.7814, 61.9635, 86.2691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7814, 61.9635,
86.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD8E9
RGB	155, 216, 233
RGB Percent	61%, 85%, 91%
CMY	0.3921, 0.1529, 0.0863
CMYK	0.33, 0.07, 0.00, 0.09
HSL	193°, 64%, 76%
HSV	193°, 33%, 91%
XYZ	52.7814, 61.9635, 86.2691
YIQ	199.6990, -41.8130, -7.6450

Conversions

Conversions Part 2

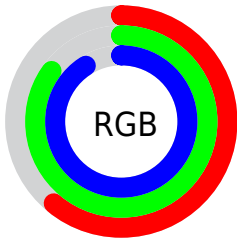
Format	Color
RYB	155, 189, 233
Decimal	10213609
CIELab	82.89, -15.29, -14.56
CIElCh	83, 21.114, 223.598
Yxy	61.9635, 0.2626, 0.3083
Android (android.graphics.Color)	4288403689 (0xFF9BD8E9)
YUV	199.6990, 16.4174, -39.2010
Hunter-Lab	78.7169, -18.0664, -9.8765

Details

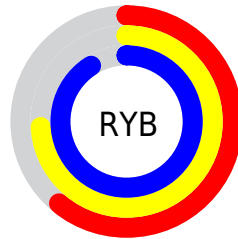
The XYZ color **52.7814, 61.9635, 86.2691** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2741, 49.1959, 37.6470**, and the grayscale version is **54.6368, 57.4822, 62.5981**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **25.9362, 31.3734, 46.2837** is the 20% darker color. If you saturate the color by 10%, you get **47.4535, 57.3169, 85.6541**, and if you desaturate by 10%, it is **59.0160, 67.1402, 86.9408**.

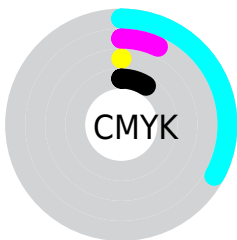
Distribution



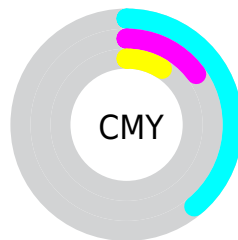
- Red (61%)
- Green (85%)
- Blue (91%)



- Red (61%)
- Yellow (74%)
- Blue (91%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7814, 61.9635, 86.2691 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 52.7814, 61.9635, 86.2691 by changing the saturation by 10% instead.

■ 52.7814, 61.9635,
86.2691

■ 52.7814, 61.9635,
86.2691

387.7205,
431.7979, 536.0718

■ 37.8551, 45.0032,
64.3343

■ 93.4500, 107.6728,
144.0348

■ 26.0469, 31.4600,
46.4736

■ 119.9231,
137.1905, 180.7029

■ 16.9916, 20.9493,
32.2684

150.9757,
171.6629, 223.1191

■ 10.3238, 13.0870,
21.3000

186.9733,
211.4743, 271.7020

■ 5.6781, 7.4885,
13.1501

228.2812,
257.0091, 326.8702

■ 2.6891, 3.7694,
7.4001

275.2648,

■ 0.9916, 1.5454,

308.6517, 389.0423

3.6313

328.2895,
366.7865, 458.6366

■ 0.0000, 0.3204,
1.4253

■ 0.0000, 0.0000,
0.1614

■ 52.7814, 61.9635,
86.2691

■ 52.7814, 61.9635,
86.2691

■ 47.4535, 57.3169,
85.6541

■ 59.0160, 67.1402,
86.9408

■ 42.9766, 53.1666,
85.0890

■ 66.1978, 72.8639,
87.6670

■ 39.2972, 49.4861,
84.5725

■ 74.3718, 79.1598,
88.4514

■ 36.3533, 46.2428,
84.1016

■ 83.5780, 86.0491,
89.2960

■ 34.0733, 43.3993,
83.6729

■ 87.5196, 90.2862,
89.9061

■ 32.3703, 40.9102,
83.2822

■ 89.0470, 93.3408,
90.4152

■ 31.4824, 39.4316,
83.0437

■ 90.6165, 96.4800,
90.9384

■ 91.7082, 98.6633,
91.3023

Harmonies

Analogous

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



50.7914, 61.9635, 73.5336



52.7814, 61.9635, 86.2691



56.4577, 61.9635, 94.4801

Triad

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



52.7814, 61.9635, 86.2691



67.6949, 61.9635, 74.7952



56.8608, 61.9635, 45.9214

Complementary

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



52.7814, 61.9635, 86.2691



54.2741, 49.1959, 37.6470

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.



61.4003, 61.9635, 46.1674



52.7814, 61.9635, 86.2691



67.8166, 61.9635, 61.7449

Square

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



52.7814, 61.9635, 86.2691



65.1378, 61.9635, 87.2946



65.4622, 61.9635, 51.6181



53.0633, 61.9635, 50.8961

Rectangle

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



52.7814, 61.9635, 86.2691



59.4454, 61.9635, 95.7002



65.4622, 61.9635, 51.6181



58.3469, 61.9635, 45.4179

Sweetspot

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



52.7833, 61.9659, 86.2705



84.5357, 91.9859, 107.9073



50.0946, 68.2224, 49.5088



17.7995, 19.4602, 23.0680



0.0000, 0.0000, 0.0000



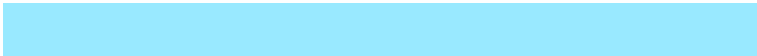
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7833, 61.9659, 86.2705



60.2613, 72.1411, 105.3563



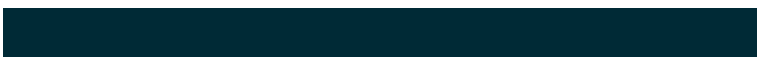
43.9688, 44.3371, 83.3324



15.2230, 16.5324, 19.3110



17.9585, 22.5641, 47.1518



1.4791, 1.9096, 3.7255

Inverse Universe

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



57.7218, 45.7257, 70.7521



67.3067, 49.9126, 83.0068



62.7913, 66.2304, 40.4861



15.5661, 15.2543, 18.2664



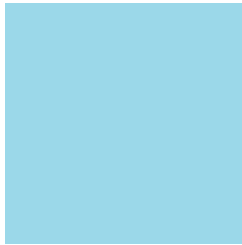
23.9199, 11.7707, 26.4434



1.9131, 0.9382, 2.2595

Previews

White Background



This preview shows how the XYZ color 52.7814, 61.9635, 86.2691 looks on a white background.

Color Contrast Check

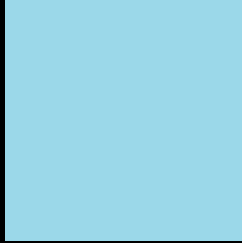
Large Text (above 18pt) WCAG AA × Fail

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 52.7814, 61.9635, 86.2691 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 52.7814, 61.9635, 86.2691

Background



This preview shows how black text looks on a background with the XYZ color 52.7814, 61.9635, 86.2691.



This preview shows how white text looks on a background with the XYZ color 52.7814, 61.9635,

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

52.7814, 61.9635, 86.2691

Protanopia

59.9489, 61.3732, 80.6381

Deuteranopia

62.8909, 61.6783, 87.9473



Tritanopia

52.7814, 61.9635, 86.2691

Trichromacy



Original Color

52.7814, 61.9635, 86.2691

Protanomaly

56.9484, 61.2080, 82.9416

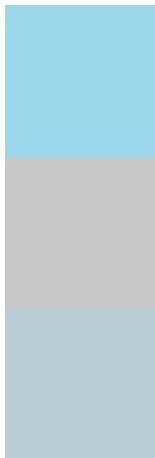
Deuteranomaly

58.5526, 61.2171, 87.3273

Tritanomaly

52.7814, 61.9635, 86.2691

Monochromacy



Original Color

52.7814, 61.9635, 86.2691

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7221, 59.0864, 70.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7814, 61.9635, 86.2691 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(155, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 233)  
}
```

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(155, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 233) }
```

Border

The CSS property to change the border of an element to XYZ 52.7814, 61.9635, 86.2691 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(155, 216, 233) }
```


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

```
.border{ border-color:rgb(155, 216, 233) }
```

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

Here you see how a box with a 4 pixel rgb(155, 216, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7814, 61.9635, 86.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 233) }
```

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

```
.background{ background-color: rgb(155,  
216, 233) }
```

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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