

Converting Colors

XYZ(53.6434, 60.3888, 81.9419)

Have a look what the booklet for
XYZ(53.6434, 60.3888, 81.9419)
contains.

XYZ(53.6277, 60.2407, 82.1999)	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(53.6277, 60.2407,
82.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD2E4
RGB	170, 210, 228
RGB Percent	67%, 82%, 89%
CMY	0.3333, 0.1765, 0.1059
CMYK	0.25, 0.08, 0.00, 0.11
HSL	199°, 52%, 78%
HSV	199°, 25%, 89%
XYZ	53.6277, 60.2407, 82.1999
YIQ	200.0920, -29.6180, -2.8820

Conversions

Conversions Part 2

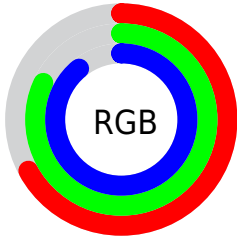
Format	Color
RYB	170, 194, 228
Decimal	11195108
CIELab	81.97, -9.12, -13.20
CIELCh	82, 16.041, 235.362
Yxy	60.2407, 0.2735, 0.3072
Android (android.graphics.Color)	4289385188 (0xFFAAD2E4)
YUV	200.0920, 13.7586, -26.3907
Hunter-Lab	77.6149, -12.4922, -8.4621

Details

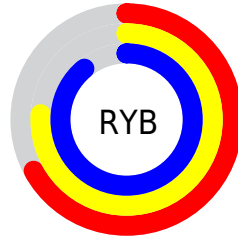
The XYZ color **53.6277, 60.2407, 82.1999** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2344, 55.3628, 45.7009**, and the grayscale version is **54.8888, 57.7473, 62.8868**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.6338, 30.5071, 44.0199** is the 20% darker color. If you saturate the color by 10%, you get **47.4120, 54.5018, 81.4208**, and if you desaturate by 10%, it is **60.7791, 66.5796, 83.0475**.

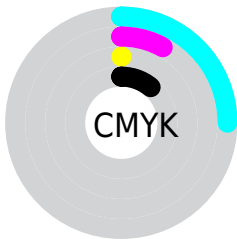
Distribution



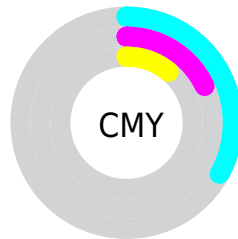
- Red (67%)
- Green (82%)
- Blue (89%)



- Red (67%)
- Yellow (76%)
- Blue (89%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6277, 60.2407, 82.1999 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 53.6277, 60.2407, 82.1999 by changing the saturation by 10% instead.

■ 53.6277, 60.2407,
82.1999

■ 53.6277, 60.2407,
82.1999

390.9103,
425.4844, 522.2171

■ 38.5336, 43.6127,
60.9935

■ 94.6875, 105.1788,
138.2935

■ 26.5762, 30.3661,
43.7894

121.3839,
134.2576, 174.0178

■ 17.3901, 20.1167,
30.1690

152.6784,
168.2554, 215.4185

■ 10.6100, 12.4799,
19.7138

188.9364,
207.5568, 262.9142

■ 5.8706, 7.0714,
12.0052

230.5232,
252.5459, 316.9233

■ 2.8065, 3.5068,
6.6246

277.8042,

■ 1.0523, 1.4017,

303.6073, 377.8645

3.1536

331.1448,
361.1254, 446.1563

■ 0.0000, 0.2180,
1.1736

■ 0.0000, 0.0000,
0.0000

■ 53.6277, 60.2407,
82.1999

■ 53.6277, 60.2407,
82.1999

■ 47.4120, 54.5018,
81.4208

■ 60.7791, 66.5796,
83.0475

■ 42.0813, 49.3309,
80.7037

■ 68.9025, 73.5341,
83.9617

■ 37.5885, 44.7035,
80.0473

■ 78.0391, 81.1285,
84.9460

■ 33.8793, 40.5904,
79.4489

■ 85.9068, 88.1876,
85.8939

■ 30.8928, 36.9584,
78.9052

■ 88.0109, 92.3957,
86.5952

■ 28.5581, 33.7694,
78.4127

■ 90.1968, 96.7675,
87.3239

■ 26.7882, 30.9770,
77.9670

■ 91.0038, 98.3815,
87.5929

■ 26.1035, 29.8010,
77.7761

Harmonies

Analogous

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



51.5608, 60.2407, 73.9265



53.6277, 60.2407, 82.1999



56.7310, 60.2407, 86.0369

Triad

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



53.6277, 60.2407, 82.1999



64.0101, 60.2407, 67.1145



54.5072, 60.2407, 50.1132

Complementary

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



53.6277, 60.2407, 82.1999



57.2344, 55.3628, 45.7009

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.



57.7862, 60.2407, 48.6731



53.6277, 60.2407, 82.1999



63.3579, 60.2407, 57.9085

Square

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



53.6277, 60.2407, 82.1999



62.7951, 60.2407, 76.7972



61.0464, 60.2407, 51.3866



52.0544, 60.2407, 55.5332

Rectangle

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



53.6277, 60.2407, 82.1999



59.0031, 60.2407, 85.3122



61.0464, 60.2407, 51.3866



55.5457, 60.2407, 49.1719

Sweetspot

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



53.6295, 60.2431, 82.2013



85.9528, 92.3616, 107.9051



53.3346, 67.6390, 57.4843



18.0514, 19.4745, 23.0575



0.0000, 0.0000, 0.0000



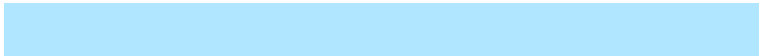
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6295, 60.2431, 82.2013



64.3712, 73.3003, 105.3634



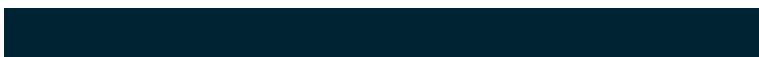
47.2285, 47.4410, 80.0676



14.4104, 15.5421, 18.3848



15.1830, 17.4281, 44.9469



1.2037, 1.4514, 3.3487

Inverse Universe

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



58.0039, 49.8979, 67.5497



71.1047, 58.0307, 82.6634



63.9101, 68.7143, 47.9262



14.7947, 14.5351, 17.1194



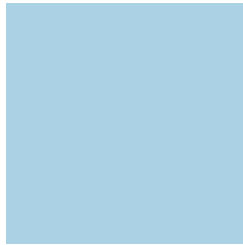
22.0572, 10.9571, 19.7279



1.6712, 0.8262, 1.6751

Previews

White Background



This preview shows how the XYZ color 53.6277, 60.2407, 82.1999 looks on a white background.

Color Contrast Check

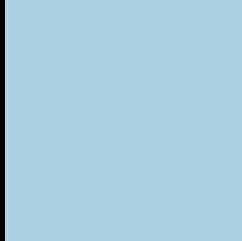
Large Text (above 18pt) WCAG AA × Fail

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 53.6277, 60.2407, 82.1999 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 53.6277, 60.2407, 82.1999

Background



This preview shows how black text looks on a background with the XYZ color 53.6277, 60.2407, 82.1999.



This preview shows how white text looks on a background with the XYZ color 53.6277, 60.2407,

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

53.6277, 60.2407, 82.1999

Protanopia

58.5272, 59.9863, 78.3058

Deuteranopia

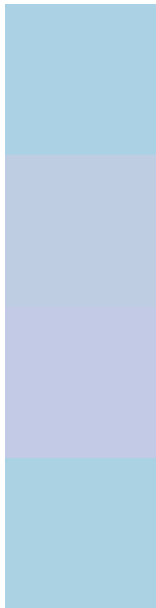
61.0554, 59.8030, 83.1881



Tritanopia

53.4893, 60.1853, 81.4708

Trichromacy



Original Color

53.6277, 60.2407, 82.1999

Protanomaly

56.6571, 60.0460, 79.8381

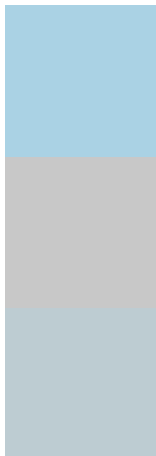
Deuteranomaly

57.7691, 59.5003, 82.5687

Tritanomaly

53.4893, 60.1853, 81.4708

Monochromacy



Original Color

53.6277, 60.2407, 82.1999

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2120, 58.6577, 69.4376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6277, 60.2407, 82.1999 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(170, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 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(170, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 228) }
```

Border

The CSS property to change the border of an element to XYZ 53.6277, 60.2407, 82.1999 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(170, 210, 228) }
```


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

```
.border{ border-color:rgb(170, 210, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6277, 60.2407, 82.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 210, 228) }
```

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

```
.background{ background-color: rgb(170,  
210, 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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