

Converting Colors

XYZ(52.5744, 60.7753, 83.8227)

Have a look what the booklet for
XYZ(52.5744, 60.7753, 83.8227)
contains.

XYZ(52.5744, 60.7753, 83.8227)	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(52.5744, 60.7753,
83.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D5E6
RGB	160, 213, 230
RGB Percent	63%, 84%, 90%
CMY	0.3725, 0.1647, 0.0980
CMYK	0.30, 0.07, 0.00, 0.10
HSL	195°, 58%, 76%
HSV	195°, 30%, 90%
XYZ	52.5744, 60.7753, 83.8227
YIQ	199.0910, -37.0450, -5.9490

Conversions

Conversions Part 2

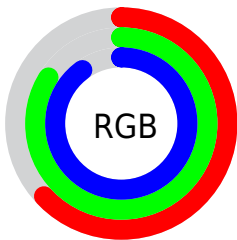
Format	Color
RYB	160, 190, 230
Decimal	10540518
CIELab	82.26, -13.09, -13.89
CIELCh	82, 19.084, 226.708
Yxy	60.7753, 0.2666, 0.3082
Android (android.graphics.Color)	4288730598 (0xFFA0D5E6)
YUV	199.0910, 15.2381, -34.2828
Hunter-Lab	77.9585, -16.0489, -9.1789

Details

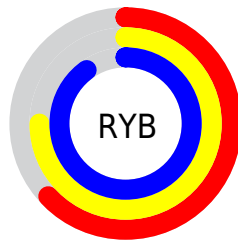
The XYZ color **52.5744, 60.7753, 83.8227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.7012, 50.8058, 40.1826**, and the grayscale version is **54.2692, 57.0954, 62.1769**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **25.8107, 30.5739, 44.5854** is the 20% darker color. If you saturate the color by 10%, you get **47.0146, 55.8609, 83.1682**, and if you desaturate by 10%, it is **59.0368, 66.2298, 84.5360**.

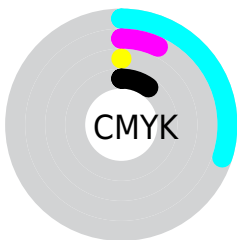
Distribution



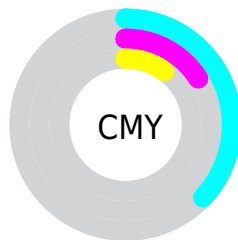
- Red (63%)
- Green (84%)
- Blue (90%)



- Red (63%)
- Yellow (75%)
- Blue (90%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5744, 60.7753, 83.8227 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 52.5744, 60.7753, 83.8227 by changing the saturation by 10% instead.

■ 52.5744, 60.7753,
83.8227

■ 52.5744, 60.7753,
83.8227

386.9378,
427.4496, 527.7669

■ 37.6892, 44.0439,
62.3245

■ 93.1470, 105.9535,
140.5866

■ 25.9177, 30.7050,
44.8575

■ 119.5652,
135.1691, 176.6895

■ 16.8944, 20.3743,
31.0031

150.5584,
169.3148, 218.4977

■ 10.2541, 12.6674,
20.3427

186.4921,
208.7751, 266.4297

■ 5.6313, 7.1999,
12.4578

227.7315,
253.9343, 320.9040

■ 2.6607, 3.5875,
6.9300

274.6420,

■ 0.9770, 1.4456,

305.1769, 382.3394

3.3406

327.5890,
362.8872, 451.1541

■ 0.0000, 0.2500,
1.2711

■ 0.0000, 0.0000,
0.0379

■ 52.5744, 60.7753,
83.8227

■ 52.5744, 60.7753,
83.8227

■ 47.0146, 55.8609,
83.1682

■ 59.0368, 66.2298,
84.5360

■ 42.3046, 51.4541,
82.5658

■ 66.4401, 72.2405,
85.3059

■ 38.3939, 47.5299,
82.0145

■ 74.8272, 78.8315,
86.1361

■ 35.2248, 44.0576,
81.5113

■ 84.2363, 86.0232,
87.0283

■ 32.7309, 41.0023,
81.0530

■ 86.9574, 89.8418,
87.6219

■ 30.8334, 38.3225,
80.6358

■ 88.6354, 93.1979,
88.1813

■ 29.4484, 36.0439,
80.2690

■ 90.3646, 96.6562,
88.7577

■ 91.2831, 98.4932,
89.0639

Harmonies

Analogous

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



50.6043, 60.7753, 72.8139



52.5744, 60.7753, 83.8227



55.9884, 60.7753, 90.4113

Triad

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



52.5744, 60.7753, 83.8227



65.7026, 60.7753, 71.4497



55.5491, 60.7753, 46.9828

Complementary

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



52.5744, 60.7753, 83.8227



54.7012, 50.8058, 40.1826

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.



59.5790, 60.7753, 46.7086



52.5744, 60.7753, 83.8227



65.5714, 60.7753, 59.9505

Square

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



52.5744, 60.7753, 83.8227



63.6372, 60.7753, 82.7237



63.2867, 60.7753, 51.1946



52.2658, 60.7753, 51.9933

Rectangle

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



52.5744, 60.7753, 83.8227



58.6821, 60.7753, 90.9615



63.2867, 60.7753, 51.1946



56.8577, 60.7753, 46.3560

Sweetspot

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



52.5762, 60.7777, 83.8241



85.3528, 92.3999, 107.9441



50.6648, 67.2162, 51.5526



17.9543, 19.5267, 23.0727



0.0000, 0.0000, 0.0000



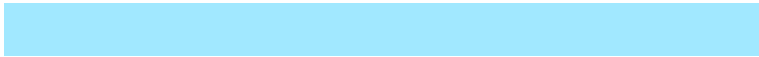
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5762, 60.7777, 83.8241



61.5593, 72.5244, 105.3618



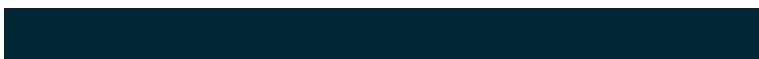
44.8349, 45.2950, 81.2436



14.4954, 15.7122, 18.4131



16.7719, 20.6060, 45.4765



1.3105, 1.6650, 3.3843

Inverse Universe

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



57.2157, 46.7702, 68.9655



68.5020, 52.4589, 82.9258



62.3566, 66.1166, 42.7344



14.8376, 14.5522, 17.3454



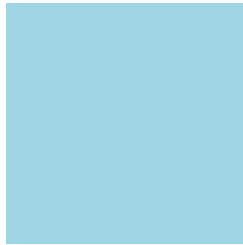
22.8592, 11.2779, 23.9513



1.7251, 0.8478, 1.9590

Previews

White Background



This preview shows how the XYZ color 52.5744, 60.7753, 83.8227 looks on a white background.

Color Contrast Check

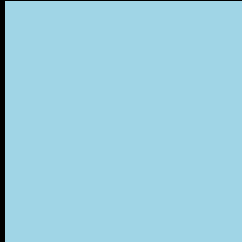
Large Text (above 18pt) WCAG AA × Fail

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 52.5744, 60.7753, 83.8227 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 52.5744, 60.7753, 83.8227

Background



This preview shows how black text looks on a background with the XYZ color 52.5744, 60.7753, 83.8227.



This preview shows how white text looks on a background with the XYZ color 52.5744, 60.7753,

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

52.5744, 60.7753, 83.8227

Protanopia

59.0323, 60.5961, 78.3969

Deuteranopia

61.7097, 60.4317, 85.5028



Tritanopia

52.5744, 60.7753, 83.8227

Trichromacy



Original Color

52.5744, 60.7753, 83.8227

Protanomaly

56.5338, 60.6814, 80.6845

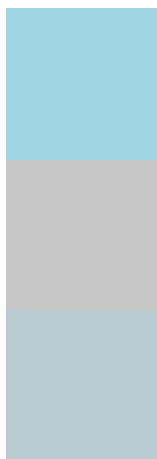
Deuteranomaly

57.8966, 60.2184, 84.9158

Tritanomaly

52.5744, 60.7753, 83.8227

Monochromacy



Original Color

52.5744, 60.7753, 83.8227

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2333, 58.1532, 69.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5744, 60.7753, 83.8227 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(160, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 213, 230)  
}
```

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(160, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 213, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.5744, 60.7753, 83.8227 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(160, 213, 230) }
```


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

```
.border{ border-color:rgb(160, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 213,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5744, 60.7753, 83.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 213, 230) }
```

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

```
.background{ background-color: rgb(160,  
213, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor