

Converting Colors

XYZ(52.2537, 62.3044, 93.2763)

Have a look what the booklet for
XYZ(52.2537, 62.3044, 93.2763)
contains.

XYZ(52.2537, 62.3044, 93.2763)	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(52.2537, 62.3044,
93.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDAF2
RGB	142, 218, 242
RGB Percent	56%, 85%, 95%
CMY	0.4431, 0.1451, 0.0510
CMYK	0.41, 0.10, 0.00, 0.05
HSL	194°, 79%, 75%
HSV	194°, 41%, 95%
XYZ	52.2537, 62.3044, 93.2763
YIQ	198.0120, -53.0000, -8.6480

Conversions

Conversions Part 2

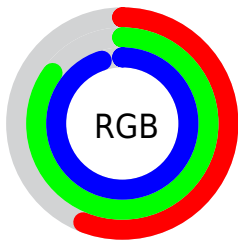
Format	Color
R _Y B	142, 185, 242
Decimal	9362162
CIE Lab	83.08, -17.44, -19.13
CIE LCh	83, 25.889, 227.636
Yxy	62.3044, 0.2514, 0.2998
Android (android.graphics.Color)	4287552242 (0xFF8EDAF2)
YUV	198.0120, 21.6861, -49.1225
Hunter-Lab	78.9331, -19.9661, -14.8106

Details

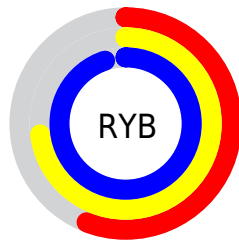
The XYZ color **52.2537, 62.3044, 93.2763** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1377, 48.1036, 31.9716**, and the grayscale version is **53.5809, 56.3712, 61.3883**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **25.7064, 31.6709, 51.2126** is the 20% darker color. If you saturate the color by 10%, you get **47.0644, 57.4338, 92.6108**, and if you desaturate by 10%, it is **58.4009, 67.7500, 94.0045**.

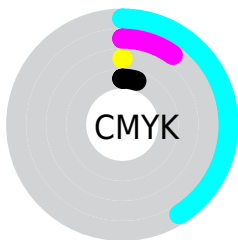
Distribution



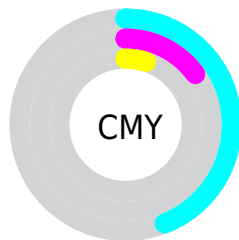
- Red (56%)
- Green (85%)
- Blue (95%)



- Red (56%)
- Yellow (73%)
- Blue (95%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2537, 62.3044, 93.2763 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 52.2537, 62.3044, 93.2763 by changing the saturation by 10% instead.

■ 52.2537, 62.3044,
93.2763

■ 52.2537, 62.3044,
93.2763

385.7231,
433.0406, 559.4746

■ 37.4324, 45.2787,
70.1122

■ 92.6773, 108.1654,
153.8561

■ 25.7177, 31.6770,
51.1407

■ 119.0103,
137.7694, 192.1089

■ 16.7441, 21.1149,
35.9431

149.9113,
172.3350, 236.2284

■ 10.1464, 13.2080,
24.1009

185.7456,
212.2466, 286.6331

■ 5.5591, 7.5720,
15.1956

226.8786,
257.8886, 343.7415

■ 2.6170, 3.8223,
8.8086

273.6756,

■ 0.9546, 1.5747,

309.6453, 407.9722

4.5215

326.5020,
367.9012, 479.7437

■ 0.0000, 0.3404,
1.9156

■ 0.0000, 0.0000,
0.5026

■ 52.2537, 62.3044,
93.2763

■ 52.2537, 62.3044,
93.2763

■ 47.0644, 57.4338,
92.6108

■ 58.4009, 67.7500,
94.0045

■ 42.7678, 53.0996,
92.0007

■ 65.5545, 73.7920,
94.7937

■ 39.2993, 49.2691,
91.4441

■ 73.7662, 80.4594,
95.6478

■ 36.5828, 45.9021,
90.9374

■ 83.0826, 87.7770,
96.5692

■ 34.5268, 42.9508,
90.4761

■ 90.5408, 94.2180,
97.4194

■ 33.1522, 40.6609,
90.1065

■ 92.3450, 97.8264,
98.0208

■ 93.0272, 99.1909,
98.2482

Harmonies

Analogous

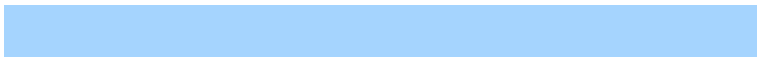
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.5363, 62.3044, 77.6193



52.2537, 62.3044, 93.2763



56.9422, 62.3044, 102.6481

Triad

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



52.2537, 62.3044, 93.2763



70.3738, 62.3044, 74.6600



56.0151, 62.3044, 42.4855

Complementary

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



52.2537, 62.3044, 93.2763



55.1377, 48.1036, 31.9716

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.



61.5546, 62.3044, 41.9503



52.2537, 62.3044, 93.2763



70.0866, 62.3044, 58.9166

Square

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



52.2537, 62.3044, 93.2763



67.5379, 62.3044, 90.8177



66.7761, 62.3044, 47.5056



51.6119, 62.3044, 49.1052

Rectangle

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



52.2537, 62.3044, 93.2763



60.6611, 62.3044, 103.2316



66.7761, 62.3044, 47.5056



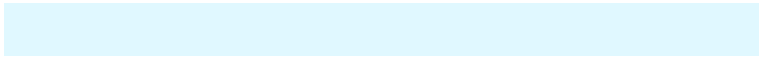
57.7989, 62.3044, 41.6304

Sweetspot

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



52.2556, 62.3068, 93.2778



82.3765, 90.0551, 107.6484



49.7308, 71.9851, 47.0317



17.3602, 19.0576, 23.0135



0.0000, 0.0000, 0.0000



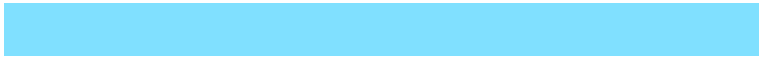
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2556, 62.3068, 93.2778



53.6410, 65.2983, 104.3844



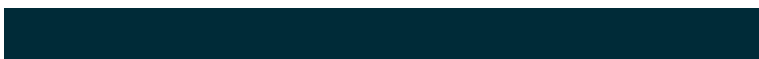
41.3099, 40.4153, 89.6292



15.9072, 17.2486, 20.2125



17.9207, 22.0657, 48.4425



1.5670, 1.9880, 4.0553

Inverse Universe

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



58.9474, 43.2868, 71.5806



62.4033, 41.9719, 75.6197



65.8872, 69.6025, 35.5548



16.2826, 15.9628, 19.0445



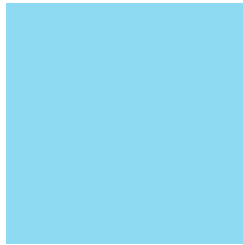
24.3712, 12.0209, 25.6690



2.0659, 1.0154, 2.3378

Previews

White Background



This preview shows how the XYZ color 52.2537, 62.3044, 93.2763 looks on a white background.

Color Contrast Check

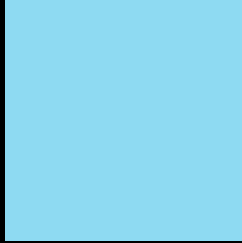
Large Text (above 18pt) WCAG AA × Fail

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 52.2537, 62.3044, 93.2763 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 52.2537, 62.3044, 93.2763

Background



This preview shows how black text looks on a background with the XYZ color 52.2537, 62.3044, 93.2763.



This preview shows how white text looks on a background with the XYZ color 52.2537, 62.3044,

93.2763.

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

52.2537, 62.3044, 93.2763

Protanopia

60.6580, 61.6255, 85.7887

Deuteranopia

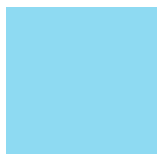
63.2533, 61.6925, 95.7628



Tritanopia

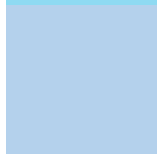
51.4328, 62.3529, 89.4453

Trichromacy



Original Color

52.2537, 62.3044, 93.2763



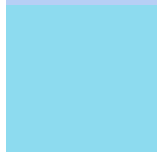
Protanomaly

56.7632, 61.3604, 88.2089



Deuteranomaly

58.3227, 61.2855, 95.1416



Tritanomaly

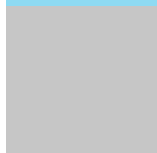
51.8960, 62.5578, 91.0010

Monochromacy



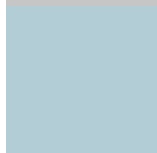
Original Color

52.2537, 62.3044, 93.2763



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

52.3290, 57.9827, 72.0521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2537, 62.3044, 93.2763 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(142, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(142, 218, 242)  
}
```

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(142, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 218, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.2537, 62.3044, 93.2763 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(142, 218, 242) }
```


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

```
.border{ border-color:rgb(142, 218, 242) }
```

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

Here you see how a box with a 4 pixel rgb(142, 218, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(142, 218,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2537, 62.3044, 93.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 218, 242) }
```

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

```
.background{ background-color: rgb(142,  
218, 242) }
```

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