

Converting Colors

XYZ(44.2432, 53.9294, 65.3121)

Have a look what the booklet for
XYZ(44.2432, 53.9294, 65.3121)
contains.

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Color

**XYZ(44.2320, 53.9516,
65.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	90CDCC
RGB	144, 205, 204
RGB Percent	56%, 80%, 80%
CMY	0.4353, 0.1961, 0.2000
CMYK	0.30, 0.00, 0.00, 0.20
HSL	179°, 38%, 68%
HSV	179°, 30%, 80%
XYZ	44.2320, 53.9516, 65.2092
YIQ	186.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

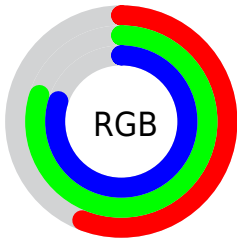
Format	Color
RYB	144, 175, 205
Decimal	9489868
CIELab	78.43, -19.57, -5.77
CIELCh	78, 20.404, 196.415
Yxy	53.9516, 0.2707, 0.3302
Android (android.graphics.Color)	4287679948 (0xFF90CDCC)
YUV	186.6470, 8.5550, -37.4014
Hunter-Lab	73.4518, -21.0494, -1.2204

Details

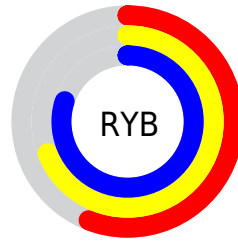
The XYZ color **44.2320, 53.9516, 65.2092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2628, 34.9715, 31.4182**, and the grayscale version is **47.0044, 49.4523, 53.8536**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **20.8860, 26.5594, 32.8798** is the 20% darker color. If you saturate the color by 10%, you get **40.9316, 52.2562, 64.8452**, and if you desaturate by 10%, it is **48.1859, 55.9866, 65.6066**.

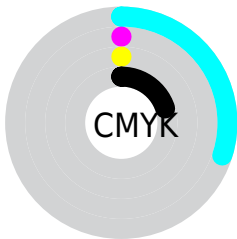
Distribution



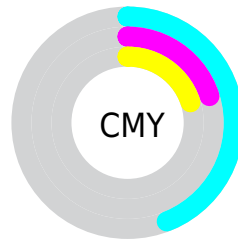
- Red (56%)
- Green (80%)
- Blue (80%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2320, 53.9516, 65.2092 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 44.2320, 53.9516, 65.2092 by changing the saturation by 10% instead.


 44.2320, 53.9516,
65.2092

 44.2320, 53.9516,
65.2092


354.4904,
401.9254, 461.8701

 31.0516, 38.5630,
47.1783


 80.8109, 96.0032,
113.9667

 20.7902, 26.4199,
32.8213


 104.9402,
123.4349, 145.5304

 13.0823, 17.1380,
21.7196

133.4498,
155.6498, 182.4422

 7.5626, 10.3330,
13.4547

166.7051,
193.0322, 225.1205

 3.8658, 5.6203,
7.6080

205.0715,
235.9666, 273.9839

 1.6265, 2.6156,
3.7610

248.9142,

 0.4096, 0.9345,

284.8374, 329.4509

1.4952

298.5988,
340.0288, 391.9402

■ 0.0000, 0.0000,
0.2143

■ 0.0000, 0.0000,
0.0000

■ 44.2320, 53.9516,
65.2092

■ 44.2320, 53.9516,
65.2092

■ 40.9316, 52.2562,
64.8452

■ 48.1859, 55.9866,
65.6066

■ 38.2446, 50.8756,
64.5092

■ 52.8209, 58.3714,
66.0351

■ 36.1341, 49.7923,
64.2006

■ 58.1692, 61.1238,
66.4975

■ 34.5572, 48.9840,
63.9174

■ 64.2592, 64.2586,
66.9951

■ 33.4651, 48.4256,
63.6574

■ 71.1180, 67.7897,
67.5291

■ 32.7998, 48.0873,
63.4178

■ 74.2156, 69.3819,
67.8875

■ 32.4570, 47.9151,
63.1938

■ 74.2566, 69.3983,
68.1034

■ 32.4498, 47.9115,
63.1884

■ 74.2977, 69.4147,
68.3197

■ 74.3389, 69.4312,
68.5365

Harmonies

Analogous

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



44.1427, 53.9516, 53.7078



44.2320, 53.9516, 65.2092



46.1443, 53.9516, 76.2383

Triad

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



44.2320, 53.9516, 65.2092



57.0707, 53.9516, 75.3241



53.1121, 53.9516, 39.7851

Complementary

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



44.2320, 53.9516, 65.2092



40.2628, 34.9715, 31.4182

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.



56.7819, 53.9516, 44.1544



44.2320, 53.9516, 65.2092



59.1465, 53.9516, 64.0859

Square

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



44.2320, 53.9516, 65.2092



53.4897, 53.9516, 82.5785



59.0382, 53.9516, 52.7211



49.1308, 53.9516, 40.0033

Rectangle

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



44.2320, 53.9516, 65.2092



48.2554, 53.9516, 81.3989



59.0382, 53.9516, 52.7211



54.4272, 53.9516, 40.7389

Sweetspot

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



44.2336, 53.9538, 65.2104



87.0443, 95.8799, 108.2087



38.5470, 51.6997, 34.3340



18.3738, 20.3899, 23.1381



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.



44.2336, 53.9538, 65.2104



68.7133, 86.4509, 106.4046



37.9533, 41.2002, 63.7122



11.5350, 12.7238, 14.3748



20.2040, 29.8269, 39.3549



1.0449, 1.5398, 2.0440

Inverse Universe

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



40.2628, 34.9715, 31.4182



61.1378, 50.2315, 41.9317



45.2492, 45.0675, 32.7006



11.2197, 11.2166, 11.6915



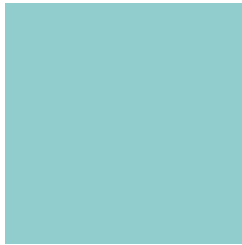
15.6884, 8.0860, 0.8121



0.8120, 0.4182, 0.0560

Previews

White Background



This preview shows how the XYZ color 44.2320, 53.9516, 65.2092 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 44.2320, 53.9516, 65.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

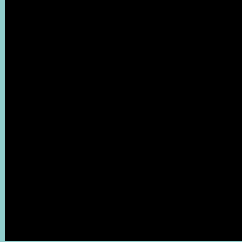
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2320, 53.9516, 65.2092

Background



This preview shows how black text looks on a background with the XYZ color 44.2320, 53.9516, 65.2092.



This preview shows how white text looks on a background with the XYZ color 44.2320, 53.9516,

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

44.2320, 53.9516, 65.2092

Protanopia

51.5784, 53.4206, 59.8173

Deuteranopia

54.8220, 53.6423, 67.1391



Tritanopia

46.1747, 54.0294, 75.0129

Trichromacy



Original Color

44.2320, 53.9516, 65.2092

Protanomaly

48.4065, 53.4031, 61.7894

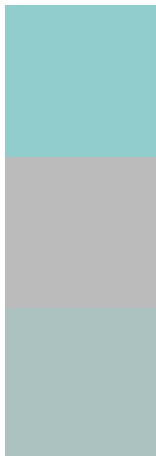
Deuteranomaly

50.0827, 53.1558, 66.6519

Tritanomaly

45.5845, 54.1518, 71.6681

Monochromacy



Original Color

44.2320, 53.9516, 65.2092

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.7120, 51.0918, 57.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2320, 53.9516, 65.2092 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(144, 205, 204)` looks like.

```
.text, #text, p{  
    color:rgb(144, 205, 204)  
}
```

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(144, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 205, 204) }
```

Border

The CSS property to change the border of an element to XYZ 44.2320, 53.9516, 65.2092 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(144, 205, 204) }
```


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

```
.border{ border-color:rgb(144, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(144, 205,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2320, 53.9516, 65.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 205, 204) }
```

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

```
.background{ background-color: rgb(144,  
205, 204) }
```

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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