

Converting Colors

XYZ(36.3278, 45.3783, 57.0651)

Have a look what the booklet for
XYZ(36.3278, 45.3783, 57.0651)
contains.

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Color

**XYZ(36.2825, 45.2494,
57.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	7ABFC1
RGB	122, 191, 193
RGB Percent	48%, 75%, 76%
CMY	0.5216, 0.2510, 0.2431
CMYK	0.37, 0.01, 0.00, 0.24
HSL	182°, 36%, 62%
HSV	182°, 37%, 76%
XYZ	36.2825, 45.2494, 57.2738
YIQ	170.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

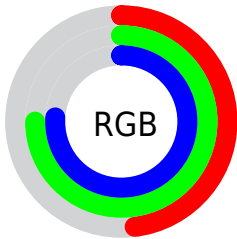
Format	Color
RYB	122, 157, 193
Decimal	8044481
CIELab	73.06, -21.15, -7.90
CIELCh	73, 22.582, 200.483
Yxy	45.2494, 0.2614, 0.3260
Android (android.graphics.Color)	4286234561 (0xFF7ABFC1)
YUV	170.5970, 11.0447, -42.6196
Hunter-Lab	67.2677, -21.4400, -3.3940

Details

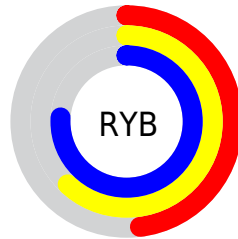
The XYZ color **36.2825, 45.2494, 57.2738** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.7136, 27.1585, 21.9314**, and the grayscale version is **38.4692, 40.4726, 44.0746**.

A 20% lighter version of the original color is **68.7977, 83.3215, 102.0792**, and **16.0632, 21.0137, 28.0204** is the 20% darker color. If you saturate the color by 10%, you get **33.6986, 43.7429, 57.1200**, and if you desaturate by 10%, it is **39.4122, 47.0401, 57.4553**.

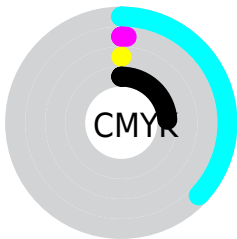
Distribution



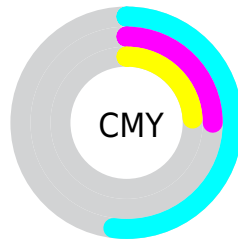
- Red (48%)
- Green (75%)
- Blue (76%)



- Red (48%)
- Yellow (62%)
- Blue (76%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2825, 45.2494, 57.2738 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 36.2825, 45.2494, 57.2738 by changing the saturation by 10% instead.

■ 36.2825, 45.2494,
57.2738

■ 36.2825, 45.2494,
57.2738

321.6034,
367.7827, 431.9969

■ 24.8236, 31.6539,
40.8143

■ 68.7889, 83.0945,
102.3689

■ 16.0737, 21.0973,
27.8554

■ 90.5671, 108.1130,
131.8415

■ 9.6675, 13.1951,
17.9786

■ 116.5157,
137.7079, 166.4890

■ 5.2396, 7.5631,
10.7653

147.0002,
172.2636, 206.7297

■ 2.4247, 3.8167,
5.7971

182.3858,
212.1645, 252.9824

■ 0.8575, 1.5715,
2.6553

223.0380,

■ 0.0000, 0.3383,

257.7951, 305.6654

0.9208

269.3221,
309.5397, 365.1974

■ 0.0000, 0.0000,
0.0000

■ 36.2825, 45.2494,
57.2738

■ 36.2825, 45.2494,
57.2738

■ 33.6986, 43.7429,
57.1200

■ 39.4122, 47.0401,
57.4553

■ 31.6242, 42.4987,
56.9891

■ 43.1133, 49.1249,
57.6626

■ 30.0250, 41.5000,
56.8807

■ 47.4147, 51.5198,
57.8982

■ 28.8605, 40.7261,
56.7927

■ 52.3420, 54.2381,
58.1631

■ 28.0839, 40.1529,
56.7230

■ 57.9195, 57.2922,
58.4587

■ 27.6321, 39.7477,
56.6686

■ 64.1702, 60.6940,
58.7858

■ 27.5173, 39.6332,
56.6525

■ 70.3373, 64.0533,
59.1092

■ 70.4591, 64.2969,
59.1498

■ 70.5813, 64.5413,
59.1905

Harmonies

Analogous

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



35.9484, 45.2494, 45.7615



36.2825, 45.2494, 57.2738



38.3570, 45.2494, 68.0128

Triad

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



36.2825, 45.2494, 57.2738



49.1333, 45.2494, 64.4356



44.2754, 45.2494, 30.7895

Complementary

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



36.2825, 45.2494, 57.2738



32.7136, 27.1585, 21.9314

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.



48.0210, 45.2494, 34.3302



36.2825, 45.2494, 57.2738



50.9367, 45.2494, 52.9511

Square

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



36.2825, 45.2494, 57.2738



45.7193, 45.2494, 72.5667



50.5176, 45.2494, 42.0470



40.4065, 45.2494, 31.5821

Rectangle

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



36.2825, 45.2494, 57.2738



40.5219, 45.2494, 72.7291



50.5176, 45.2494, 42.0470



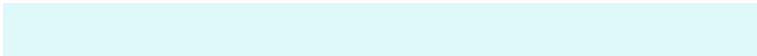
45.5942, 45.2494, 31.4890

Sweetspot

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



36.2838, 45.2512, 57.2748



81.4047, 90.3200, 103.5033



30.6836, 43.7131, 25.6205



17.2387, 19.2512, 22.1926



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.2838, 45.2512, 57.2748



61.2468, 78.8691, 102.3555



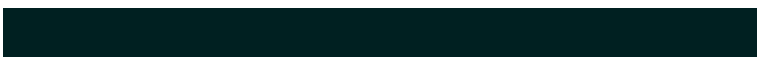
29.5944, 31.8723, 55.0450



10.3435, 11.3782, 12.9359



18.3123, 26.3811, 37.6835



0.7990, 1.1554, 1.6308

Inverse Universe

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



38.3570, 29.0193, 52.8718



65.5169, 45.7487, 93.2158



37.8499, 37.4312, 23.6435



10.4847, 10.2425, 12.6428



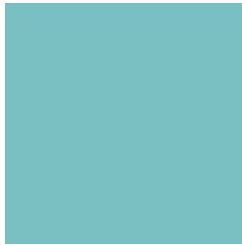
20.6392, 9.9454, 32.3416



0.8957, 0.4313, 1.4181

Previews

White Background



This preview shows how the XYZ color 36.2825, 45.2494, 57.2738 looks on a white background.

Color Contrast Check

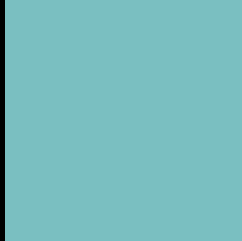
Large Text (above 18pt) WCAG AA × Fail

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 36.2825, 45.2494, 57.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

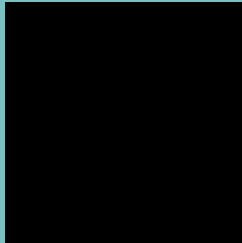
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2825, 45.2494, 57.2738

Background



This preview shows how black text looks on a background with the XYZ color 36.2825, 45.2494, 57.2738.

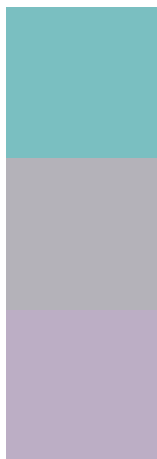


This preview shows how white text looks on a background with the XYZ color 36.2825, 45.2494,

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

36.2825, 45.2494, 57.2738

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

45.9531, 44.9947, 59.0862



Tritanopia

37.5541, 45.1148, 63.8555

Trichromacy



Original Color

36.2825, 45.2494, 57.2738

Protanomaly

40.3087, 44.8687, 54.1130

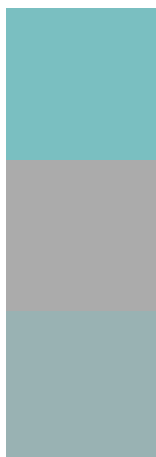
Deuteranomaly

41.5949, 44.5206, 58.6256

Tritanomaly

37.1510, 45.2821, 61.4258

Monochromacy



Original Color

36.2825, 45.2494, 57.2738

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.1939, 41.8678, 48.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2825, 45.2494, 57.2738 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(122, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 193)  
}
```

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(122, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.2825, 45.2494, 57.2738 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(122, 191, 193) }
```


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

```
.border{ border-color:rgb(122, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 191, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 191, 193); box-shadow:4px 4px 4px 4px rgb(122, 191, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2825, 45.2494, 57.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 193) }
```

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

```
.background{ background-color: rgb(122,  
191, 193) }
```

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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