

Converting Colors

XYZ(36.2268, 42.5323, 56.1700)

Have a look what the booklet for
XYZ(36.2268, 42.5323, 56.1700)
contains.

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Color

**XYZ(36.0739, 42.3300,
56.1384)**

Conversions

Conversions Part 1

Format	Color
Hex	86B6C0
RGB	134, 182, 192
RGB Percent	53%, 71%, 75%
CMY	0.4745, 0.2863, 0.2471
CMYK	0.30, 0.05, 0.00, 0.25
HSL	190°, 32%, 64%
HSV	190°, 30%, 75%
XYZ	36.0739, 42.3300, 56.1384
YIQ	168.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

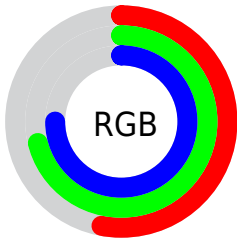
Format	Color
RYB	134, 160, 192
Decimal	8828608
CIELab	71.10, -13.41, -10.20
CIELCh	71, 16.851, 217.266
Yxy	42.3300, 0.2681, 0.3146
Android (android.graphics.Color)	4287018688 (0xFF86B6C0)
YUV	168.7880, 11.4435, -30.5091
Hunter-Lab	65.0615, -14.8868, -5.6154

Details

The XYZ color **36.0739, 42.3300, 56.1384** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0151, 32.8746, 27.0025**, and the grayscale version is **37.5649, 39.5212, 43.0386**.

A 20% lighter version of the original color is **68.5041, 78.7452, 100.3957**, and **15.9901, 19.3584, 27.3199** is the 20% darker color. If you saturate the color by 10%, you get **32.6176, 39.5549, 55.7856**, and if you desaturate by 10%, it is **40.1043, 45.4270, 56.5245**.

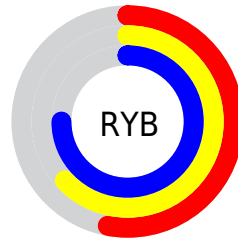
Distribution



Red (53%)

Green (71%)

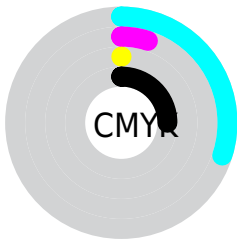
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

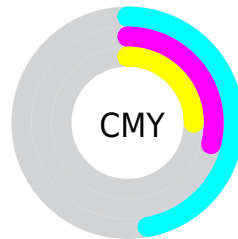


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0739, 42.3300, 56.1384 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 36.0739, 42.3300, 56.1384 by changing the saturation by 10% instead.

■ 36.0739, 42.3300,
56.1384

■ 36.0739, 42.3300,
56.1384

320.7090,
355.8491, 427.6158

■ 24.6616, 29.3598,
39.9092

■ 68.4692, 78.6988,
100.6947

■ 15.9525, 19.3532,
27.1545

■ 90.1830, 102.8662,
129.8589

■ 9.5812, 11.9257,
17.4558

■ 116.0614,
131.5348, 164.1717

■ 5.1823, 6.6931,
10.3946

146.4697,
165.0889, 204.0519

■ 2.3905, 3.2709,
5.5524

181.7732,
203.9130, 249.9178

■ 0.8404, 1.2748,
2.5105

222.3374,

■ 0.0000, 0.1215,

248.3915, 302.1881

0.8457

268.5275,
298.9087, 361.2812

■ 0.0000, 0.0000,
0.0000

■ 36.0739, 42.3300,
56.1384

■ 36.0739, 42.3300,
56.1384

■ 32.6176, 39.5549,
55.7856

■ 40.1043, 45.4270,
56.5245

■ 29.7015, 37.0808,
55.4618

■ 44.7330, 48.8553,
56.9422

■ 27.2938, 34.8922,
55.1662

■ 49.9873, 52.6302,
57.3939

■ 25.3577, 32.9700,
54.8973

■ 55.8916, 56.7646,
57.8808

■ 23.8513, 31.2926,
54.6529

■ 62.4693, 61.2704,
58.4038

■ 22.7252, 29.8341,
54.4307

■ 69.7422, 66.1592,
58.9641

■ 21.8962, 28.5691,
54.2302

■ 72.6269, 68.8106,
59.3238

■ 73.4280, 70.4126,
59.5908

■ 74.2458, 72.0483,
59.8634

Harmonies

Analogous

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



35.0948, 42.3300, 48.0806



36.0739, 42.3300, 56.1384



38.1758, 42.3300, 61.9332

Triad

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



36.0739, 42.3300, 56.1384



45.4400, 42.3300, 52.3503



39.5520, 42.3300, 32.3483

Complementary

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



36.0739, 42.3300, 56.1384



36.0151, 32.8746, 27.0025

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.



42.3637, 42.3300, 33.2094



36.0739, 42.3300, 56.1384



45.8506, 42.3300, 44.1554

Square

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



36.0739, 42.3300, 56.1384



43.6040, 42.3300, 59.5741



44.7009, 42.3300, 37.3188



37.0412, 42.3300, 34.8118

Rectangle

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



36.0739, 42.3300, 56.1384



39.9755, 42.3300, 63.3909



44.7009, 42.3300, 37.3188



40.4924, 42.3300, 32.2639

Sweetspot

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



36.0752, 42.3317, 56.1394



82.0101, 89.2189, 103.2589



33.6906, 44.7719, 33.1193



17.3110, 18.9344, 22.1276



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.



36.0752, 42.3317, 56.1394



61.2586, 73.4319, 101.3054



30.7927, 31.7668, 54.3786



10.2161, 11.1234, 12.8934



14.7838, 19.3242, 36.5074



0.6786, 0.9146, 1.5907

Inverse Universe

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



38.7079, 31.6351, 48.3239



66.8559, 51.3880, 84.5327



40.9219, 42.6881, 28.6380



10.4204, 10.2167, 12.3041



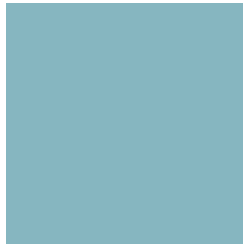
18.8582, 9.2330, 22.9630



0.8349, 0.4070, 1.0981

Previews

White Background



This preview shows how the XYZ color 36.0739, 42.3300, 56.1384 looks on a white background.

Color Contrast Check

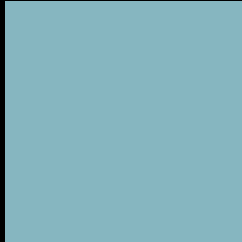
Large Text (above 18pt) WCAG AA × Fail

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 36.0739, 42.3300, 56.1384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

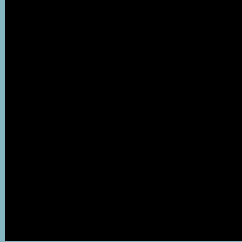
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0739, 42.3300, 56.1384

Background



This preview shows how black text looks on a background with the XYZ color 36.0739, 42.3300, 56.1384.



This preview shows how white text looks on a background with the XYZ color 36.0739, 42.3300,

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

36.0739, 42.3300, 56.1384

Protanopia

40.8490, 41.9345, 52.3956

Deuteranopia

42.8607, 42.0194, 57.4813



Tritanopia

36.4794, 42.1842, 58.4442

Trichromacy



Original Color

36.0739, 42.3300, 56.1384

Protanomaly

38.9005, 42.0524, 53.6436

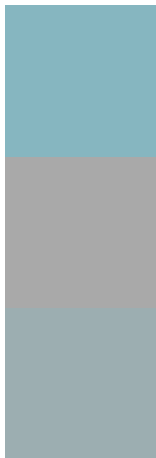
Deuteranomaly

39.9779, 41.9537, 57.0297

Tritanomaly

36.3659, 42.1388, 57.8467

Monochromacy



Original Color

36.0739, 42.3300, 56.1384

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.7822, 40.5143, 47.4764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0739, 42.3300, 56.1384 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(134, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 182, 192)  
}
```

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(134, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 182, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.0739, 42.3300, 56.1384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

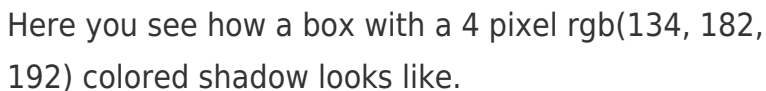
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 182, 192) }
```


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

```
.border{ border-color:rgb(134, 182, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 182, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 182, 192); box-shadow:4px 4px 4px 4px rgb(134, 182, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0739, 42.3300, 56.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 182, 192) }
```

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

```
.background{ background-color: rgb(134,  
182, 192) }
```

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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