

Converting Colors

XYZ(32.5597, 42.9562, 10.9155)

Have a look what the booklet for
XYZ(32.5597, 42.9562, 10.9155)
contains.

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Color

**XYZ(32.6865, 43.1360,
10.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBB3C
RGB	158, 187, 60
RGB Percent	62%, 73%, 24%
CMY	0.3804, 0.2666, 0.7647
CMYK	0.16, 0.00, 0.68, 0.27
HSL	74°, 51%, 48%
HSV	74°, 68%, 73%
XYZ	32.6865, 43.1360, 10.8783
YIQ	163.8510, 23.4830, -45.6450

Conversions

Conversions Part 2

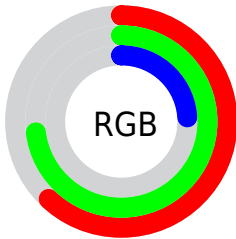
Format	Color
RYB	60, 187, 89
Decimal	10402620
CIELab	71.65, -27.48, 58.31
CIELCh	72, 64.465, 115.236
Yxy	43.1360, 0.3770, 0.4975
Android (android.graphics.Color)	4288592700 (0xFF9EBB3C)
YUV	163.8510, -51.1985, -5.1313
Hunter-Lab	65.6780, -26.1010, 36.1544

Details

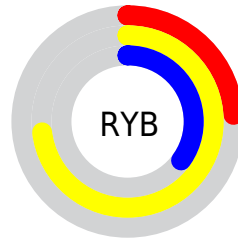
The XYZ color **32.6865, 43.1360, 10.8783** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **14.7069, 8.9445, 47.9676**, and the grayscale version is **35.4448, 37.2907, 40.6096**.

A 20% lighter version of the original color is **63.1122, 79.7632, 27.9891**, and **14.1186, 19.9338, 3.1035** is the 20% darker color. If you saturate the color by 10%, you get **31.4517, 42.5483, 8.6807**, and if you desaturate by 10%, it is **34.1272, 43.8126, 13.9989**.

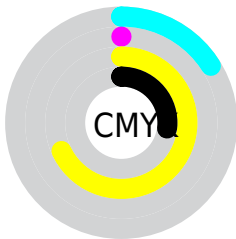
Distribution



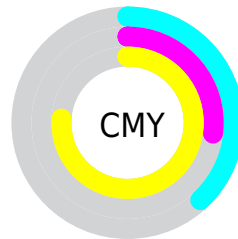
- Red (62%)
- Green (73%)
- Blue (24%)



- Red (24%)
- Yellow (73%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (68%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6865, 43.1360, 10.8783 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 32.6865, 43.1360, 10.8783 by changing the saturation by 10% instead.

■ 32.6865, 43.1360,
10.8783

■ 32.6865, 43.1360,
10.8783

305.9247,
359.1708, 207.5381

■ 22.0445, 29.9918,
5.8719

■ 63.2437, 79.9160,
28.0681

■ 14.0064, 19.8324,
2.6998

■ 83.8896, 104.3207,
41.0886

■ 8.2068, 12.2733,
0.9433

■ 108.6009,
133.2477, 57.6176

■ 4.2805, 6.9301,
0.0000

■ 137.7429,
167.0814, 78.0735

■ 1.8620, 3.4184,
0.0000

■ 171.6809,
206.2061, 102.8750

■ 0.5546, 1.3539,
0.0000

210.7803,

■ 0.0000, 0.1824,

251.0063, 132.4406

0.0000

255.4064,
301.8664, 167.1887

■ 0.0000, 0.0000,
0.0000

■ 32.6865, 43.1360,
10.8783

■ 32.6865, 43.1360,
10.8783

■ 31.4517, 42.5483,
8.6807

■ 34.1272, 43.8126,
13.9989

■ 30.4001, 42.0356,
7.3014

■ 35.7876, 44.5789,
18.1270

■ 29.5027, 41.5879,
6.5844

■ 37.6836, 45.4429,
23.3405

■ 29.3246, 41.4985,
6.4644

■ 39.8287, 46.4100,
29.7090

■ 42.2354, 47.4852,
37.2964

■ 44.9151, 48.6732,
46.1617

■ 47.8785, 49.9783,
56.3602

■ 51.1359, 51.4045,
67.9439

■ 54.6967, 52.9557,
80.9621

Harmonies

Analogous

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



42.7675, 43.1360, 8.9235



32.6865, 43.1360, 10.8783



26.0616, 43.1360, 20.3549

Triad

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



32.6865, 43.1360, 10.8783



30.1587, 43.1360, 115.6736



65.6733, 43.1360, 52.1390

Complementary

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



32.6865, 43.1360, 10.8783



14.7069, 8.9445, 47.9676

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.



60.7712, 43.1360, 90.2544



32.6865, 43.1360, 10.8783



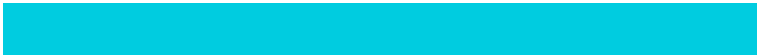
39.2809, 43.1360, 135.9420

Square

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



32.6865, 43.1360, 10.8783



24.7941, 43.1360, 77.5381



50.6144, 43.1360, 125.0191



63.0656, 43.1360, 25.7192

Rectangle

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



32.6865, 43.1360, 10.8783



23.8689, 43.1360, 33.2546



50.6144, 43.1360, 125.0191



64.8276, 43.1360, 64.0115

Sweetspot

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



32.6875, 43.1379, 10.8792



74.5564, 84.5589, 63.3132



24.7609, 17.7927, 6.4049



16.1470, 18.5001, 13.0813



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.6875, 43.1379, 10.8792



55.4605, 75.7799, 14.2915



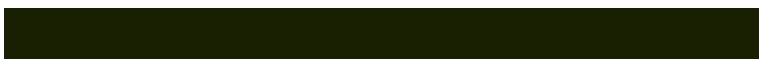
23.4096, 38.3550, 10.4450



10.1034, 11.0077, 10.1688



20.2689, 28.6249, 4.4569



0.8471, 1.1487, 0.1771

Inverse Universe

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



14.7069, 8.9445, 47.9676



21.3415, 10.5981, 85.1222



23.3526, 13.4016, 48.3722



9.2149, 9.3277, 11.9869



6.9115, 2.8491, 32.5786



0.3296, 0.1419, 1.2789

Previews

White Background



This preview shows how the XYZ color 32.6865, 43.1360, 10.8783 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 32.6865, 43.1360, 10.8783 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 32.6865, 43.1360, 10.8783

Background



This preview shows how black text looks on a background with the XYZ color 32.6865, 43.1360, 10.8783.



This preview shows how white text looks on a background with the XYZ color 32.6865, 43.1360,

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

32.6865, 43.1360, 10.8783

Protanopia

38.8334, 42.6911, 10.0644

Deuteranopia

43.5628, 42.5831, 11.2335



Tritanopia

41.5285, 43.1047, 54.2754

Trichromacy



Original Color

32.6865, 43.1360, 10.8783

Protanomaly

36.1752, 42.4908, 10.2979

Deuteranomaly

38.8264, 42.3780, 10.9839

Tritanomaly

36.9389, 42.4087, 31.8300

Monochromacy



Original Color

32.6865, 43.1360, 10.8783

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.4187, 38.6928, 25.4458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6865, 43.1360, 10.8783 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(158, 187, 60)` looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 60)  
}
```

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(158, 187, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 60) }
```

Border

The CSS property to change the border of an element to XYZ 32.6865, 43.1360, 10.8783 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(158, 187, 60) }
```


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

```
.border{ border-color:rgb(158, 187, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 187, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 187, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 187, 60);  
box-shadow:4px 4px 4px 4px rgb(158, 187,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6865, 43.1360, 10.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 60) }
```

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

```
.background{ background-color: rgb(158,  
187, 60) }
```

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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