

Converting Colors

XYZ(32.2605, 30.8034, 53.5355)

Have a look what the booklet for
XYZ(32.2605, 30.8034, 53.5355)
contains.

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Color

**XYZ(32.2605, 30.8034,
53.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	9692BF
RGB	150, 146, 191
RGB Percent	59%, 57%, 75%
CMY	0.4118, 0.4274, 0.2510
CMYK	0.21, 0.24, 0.00, 0.25
HSL	245°, 26%, 66%
HSV	245°, 24%, 75%
XYZ	32.2605, 30.8034, 53.5355
YIQ	152.3260, -12.0610, 14.8430

Conversions

Conversions Part 2

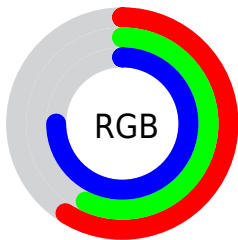
Format	Color
RYB	150, 146, 191
Decimal	9867967
CIELab	62.34, 11.10, -22.78
CIELCh	62, 25.343, 295.973
Yxy	30.8034, 0.2767, 0.2642
Android (android.graphics.Color)	4288058047 (0xFF9692BF)
YUV	152.3260, 19.0663, -2.0399
Hunter-Lab	55.5008, 6.6288, -18.3399

Details

The XYZ color **32.2605, 30.8034, 53.5355** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3136, 49.9025, 34.4921**, and the grayscale version is **29.9105, 31.4682, 34.2689**.

A 20% lighter version of the original color is **62.6196, 61.0031, 96.4701**, and **13.7352, 12.7686, 25.4076** is the 20% darker color. If you saturate the color by 10%, you get **26.5906, 23.8694, 52.4964**, and if you desaturate by 10%, it is **38.8999, 38.9689, 54.7622**.

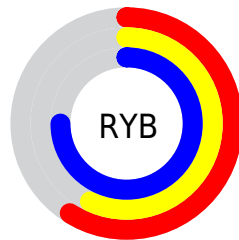
Distribution



Red (59%)

Green (57%)

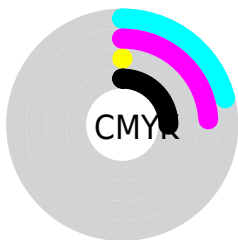
Blue (75%)



Red (59%)

Yellow (57%)

Blue (75%)

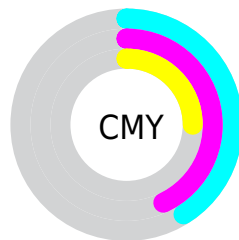


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2605, 30.8034, 53.5355 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 32.2605, 30.8034, 53.5355 by changing the saturation by 10% instead.

■ 32.2605, 30.8034,
53.5355

■ 32.2605, 30.8034,
53.5355

304.0285,
305.6316, 417.4607

■ 21.7171, 20.4492,
37.8398

■ 62.5817, 60.9304,
96.8414

■ 13.7646, 12.7220,
25.5575

■ 83.0902, 81.4720,
125.2887

■ 8.0377, 7.2374,
16.2701

107.6510,
106.1782, 158.8235

■ 4.1711, 3.6110,
9.5591

136.6296,
135.4333, 197.8645

■ 1.7994, 1.4584,
5.0058

170.3913,
169.6218, 242.8302

■ 0.5173, 0.2592,
2.1919

209.3014,

■ 0.0000, 0.0000,

209.1281, 294.1391

0.6697

253.7253,
254.3366, 352.2097

■ 0.0000, 0.0000,
0.0000

■ 32.2605, 30.8034,
53.5355

■ 32.2605, 30.8034,
53.5355

■ 26.5906, 23.8694,
52.4964

■ 38.8999, 38.9689,
54.7622

■ 21.8420, 18.1034,
51.6338

■ 46.5480, 48.4176,
56.1829

■ 17.9665, 13.4423,
50.9383

■ 55.2459, 59.2030,
57.8062

■ 14.9108, 9.8150,
50.3993

■ 65.0309, 71.3742,
59.6398

■ 12.6154, 7.1424,
50.0044

■ 75.9391, 84.9782,
61.6907

■ 11.0127, 5.3340,
49.7398

■ 86.1906, 96.4316,
63.3611

■ 10.0231, 4.2814,
49.5888

■ 86.4041, 96.5416,
63.3711

■ 9.6347, 3.8805,
49.5319

Harmonies

Analogous

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



28.8172, 30.8034, 56.1164



32.2605, 30.8034, 53.5355



35.0877, 30.8034, 45.2520

Triad

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



32.2605, 30.8034, 53.5355



33.1236, 30.8034, 20.2004



23.1821, 30.8034, 32.2311

Complementary

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



32.2605, 30.8034, 53.5355



44.3136, 49.9025, 34.4921

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.



24.1473, 30.8034, 24.0457



32.2605, 30.8034, 53.5355



29.7431, 30.8034, 18.0123

Square

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



32.2605, 30.8034, 53.5355



35.6127, 30.8034, 25.9326



26.4847, 30.8034, 19.2694



23.7424, 30.8034, 42.5054

Rectangle

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



32.2605, 30.8034, 53.5355



36.1500, 30.8034, 38.3269



26.4847, 30.8034, 19.2694



23.3367, 30.8034, 29.1687

Sweetspot

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



32.2615, 30.8046, 53.5362



78.2899, 80.4350, 99.6783



39.0823, 45.5202, 56.0171



17.0055, 17.4326, 21.8538



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.



32.2615, 30.8046, 53.5362



52.6075, 48.8352, 94.9326



36.7521, 33.1196, 53.7464



9.0930, 9.2648, 11.9812



6.3620, 2.5658, 32.5528



0.2761, 0.1144, 1.2764

Inverse Universe

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



40.7353, 35.2232, 51.6668



70.3265, 58.0778, 90.8759



39.2851, 47.3102, 34.2567



9.8924, 9.6813, 11.8224



19.1582, 9.2944, 27.1902



0.7613, 0.3684, 1.1221

Previews

White Background



This preview shows how the XYZ color 32.2605, 30.8034, 53.5355 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 32.2605, 30.8034, 53.5355 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 32.2605, 30.8034, 53.5355

Background



This preview shows how black text looks on a background with the XYZ color 32.2605, 30.8034, 53.5355.



This preview shows how white text looks on a background with the XYZ color 32.2605, 30.8034,

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

32.2605, 30.8034, 53.5355

Protanopia

31.0205, 30.8341, 54.7687

Deuteranopia

31.4955, 30.8707, 53.5889



Tritanopia

29.3545, 30.7973, 39.0477

Trichromacy



Original Color

32.2605, 30.8034, 53.5355

Protanomaly

31.4320, 30.8252, 54.1624

Deuteranomaly

31.6917, 30.7400, 53.5533

Tritanomaly

30.3229, 30.7151, 43.8656

Monochromacy



Original Color

32.2605, 30.8034, 53.5355

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5518, 31.1452, 40.4778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2605, 30.8034, 53.5355 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(150, 146, 191)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 191)  
}
```

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(150, 146, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.2605, 30.8034, 53.5355 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(150, 146, 191) }
```


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

```
.border{ border-color:rgb(150, 146, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 146, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 191);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2605, 30.8034, 53.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 191) }
```

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

```
.background{ background-color: rgb(150,  
146, 191) }
```

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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