

Converting Colors

XYZ(32.9386, 35.1366, 51.5004)

Have a look what the booklet for
XYZ(32.9386, 35.1366, 51.5004)
contains.

XYZ(32.9386, 35.1366, 51.5004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.9386, 35.1366,
51.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA2BA
RGB	142, 162, 186
RGB Percent	56%, 64%, 73%
CMY	0.4431, 0.3647, 0.2706
CMYK	0.24, 0.13, 0.00, 0.27
HSL	213°, 24%, 64%
HSV	213°, 24%, 73%
XYZ	32.9386, 35.1366, 51.5004
YIQ	158.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

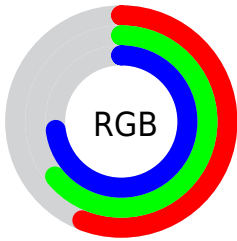
Format	Color
R_{YB}	142, 156, 186
Decimal	9347770
CIE _{Lab}	65.85, -1.62, -14.70
CIE _{LCh}	66, 14.788, 263.714
Yxy	35.1366, 0.2755, 0.2938
Android (android.graphics.Color)	4287537850 (0xFF8EA2BA)
YUV	158.7560, 13.4313, -14.6950
Hunter-Lab	59.2761, -4.5442, -10.0192

Details

The XYZ color **32.9386, 35.1366, 51.5004** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7689, 39.6648, 31.2048**, and the grayscale version is **32.7912, 34.4989, 37.5692**.

A 20% lighter version of the original color is **63.6048, 67.7723, 93.7334**, and **14.1240, 15.0695, 24.3546** is the 20% darker color. If you saturate the color by 10%, you get **28.2944, 30.1964, 50.7922**, and if you desaturate by 10%, it is **38.2617, 40.6425, 52.2832**.

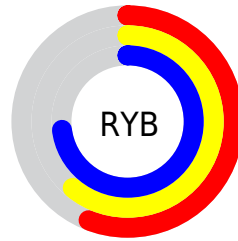
Distribution



Red (56%)

Green (64%)

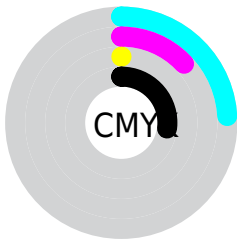
Blue (73%)



Red (56%)

Yellow (61%)

Blue (73%)

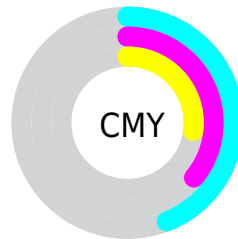


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9386, 35.1366, 51.5004 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 32.9386, 35.1366, 51.5004 by changing the saturation by 10% instead.

■ 32.9386, 35.1366,
51.5004

■ 32.9386, 35.1366,
51.5004

307.0429,
325.1709, 409.4068

■ 22.2384, 23.7681,
36.2275

■ 63.6350, 67.6973,
93.8131

■ 14.1498, 15.1617,
24.3189

■ 84.3619, 89.6584,
121.6900

■ 8.3073, 8.9329,
15.3559

■ 109.1618,
115.9190, 154.6052

■ 4.3457, 4.6975,
8.9202

138.3999,
146.8638, 192.9775

■ 1.8995, 2.0709,
4.5931

172.4418,
182.8769, 237.2252

■ 0.5765, 0.6482,
1.9560

211.6526,

■ 0.0000, 0.0000,

224.3429, 287.7670

0.5280

256.3979,
271.6461, 345.0213

■ 0.0000, 0.0000,
0.0000

■ 32.9386, 35.1366,
51.5004

■ 32.9386, 35.1366,
51.5004

■ 28.2944, 30.1964,
50.7922

■ 38.2617, 40.6425,
52.2832

■ 24.2960, 25.7974,
50.1538

■ 44.2883, 46.7291,
53.1404

■ 20.9123, 21.9190,
49.5836

■ 51.0457, 53.4161,
54.0749

■ 18.1083, 18.5379,
49.0787

■ 58.5586, 60.7206,
55.0889

■ 15.8447, 15.6281,
48.6364

■ 66.8507, 68.6595,
56.1842

■ 14.0770, 13.1607,
48.2533

■ 75.9446, 77.2485,
57.3627

■ 12.7521, 11.1023,
47.9258

■ 79.2469, 83.0929,
58.3168

■ 12.0764, 9.9719,
47.7433

■ 82.2022, 89.0036,
59.3019

■ 85.3254, 95.2499,
60.3429

Harmonies

Analogous

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



30.9722, 35.1366, 48.7940



32.9386, 35.1366, 51.5004



35.1138, 35.1366, 50.3591

Triad

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



32.9386, 35.1366, 51.5004



37.3905, 35.1366, 33.6220



30.1244, 35.1366, 31.5725

Complementary

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



32.9386, 35.1366, 51.5004



38.7689, 39.6648, 31.2048

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.



31.7357, 35.1366, 28.2693



32.9386, 35.1366, 51.5004



35.9437, 35.1366, 29.3592

Square

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



32.9386, 35.1366, 51.5004



37.7467, 35.1366, 39.5898



33.8582, 35.1366, 27.5054



29.3937, 35.1366, 36.9560

Rectangle

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



32.9386, 35.1366, 51.5004



36.3831, 35.1366, 47.6256



33.8582, 35.1366, 27.5054



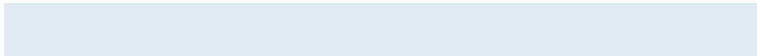
30.5775, 35.1366, 30.2067

Sweetspot

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



32.9397, 35.1380, 51.5012



76.3464, 80.7589, 95.7655



35.5491, 43.6030, 42.3638



16.6656, 17.6362, 21.0683



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.



32.9397, 35.1380, 51.5012



55.5060, 59.2572, 92.7137



29.9454, 28.7735, 50.4305



8.8483, 9.3739, 11.4224



8.1975, 6.8547, 32.1441



0.3510, 0.3656, 1.1538

Inverse Universe

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



36.4452, 32.3947, 38.5159



62.9713, 53.7762, 64.9795



42.3373, 47.3278, 32.4959



9.1698, 9.0783, 10.2415



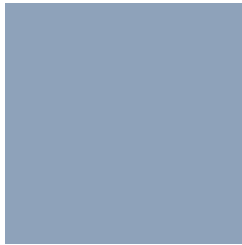
14.7514, 7.4743, 6.5777



0.5513, 0.2760, 0.3966

Previews

White Background



This preview shows how the XYZ color 32.9386, 35.1366, 51.5004 looks on a white background.

Color Contrast Check

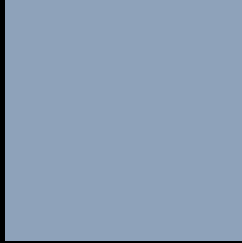
Large Text (above 18pt) WCAG AA × Fail

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 32.9386, 35.1366, 51.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

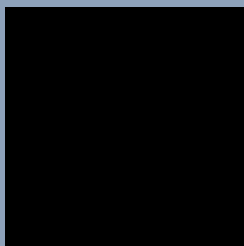
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

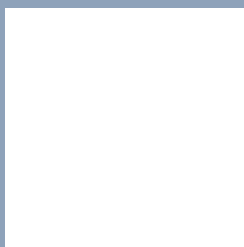
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9386, 35.1366, 51.5004

Background



This preview shows how black text looks on a background with the XYZ color 32.9386, 35.1366, 51.5004.



This preview shows how white text looks on a background with the XYZ color 32.9386, 35.1366,

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

32.9386, 35.1366, 51.5004

Protanopia

34.3962, 34.8830, 50.2676

Deuteranopia

35.7584, 35.0462, 51.8936



Tritanopia

32.0265, 35.3007, 46.7207

Trichromacy



Original Color

32.9386, 35.1366, 51.5004

Protanomaly

33.7328, 34.7831, 50.8348

Deuteranomaly

34.7141, 35.0101, 51.9417

Tritanomaly

32.3199, 35.1524, 48.2617

Monochromacy



Original Color

32.9386, 35.1366, 51.5004

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8691, 34.7785, 42.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9386, 35.1366, 51.5004 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(142, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(142, 162, 186)  
}
```

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(142, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 162, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.9386, 35.1366, 51.5004 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(142, 162, 186) }
```


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

```
.border{ border-color:rgb(142, 162, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(142, 162,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9386, 35.1366, 51.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 162, 186) }
```

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

```
.background{ background-color: rgb(142,  
162, 186) }
```

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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