

Converting Colors

XYZ(36.4790, 39.8480, 54.4392)

Have a look what the booklet for
XYZ(36.4790, 39.8480, 54.4392)
contains.

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Color

**XYZ(36.4506, 39.9007,
54.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADBE
RGB	148, 173, 190
RGB Percent	58%, 68%, 75%
CMY	0.4196, 0.3216, 0.2549
CMYK	0.22, 0.09, 0.00, 0.25
HSL	204°, 24%, 66%
HSV	204°, 22%, 75%
XYZ	36.4506, 39.9007, 54.4957
YIQ	167.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

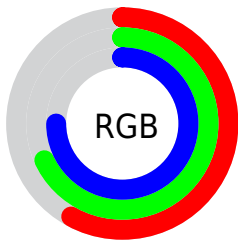
Format	Color
RYB	148, 164, 190
Decimal	9743806
CIELab	69.40, -4.83, -11.55
CIELCh	69, 12.523, 247.306
Yxy	39.9007, 0.2786, 0.3049
Android (android.graphics.Color)	4287933886 (0xFF94ADBE)
YUV	167.4630, 11.1107, -17.0691
Hunter-Lab	63.1670, -7.5386, -6.9340

Details

The XYZ color **36.4506, 39.9007, 54.4957** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0362, 39.9959, 33.6278**, and the grayscale version is **36.9119, 38.8342, 42.2905**.

A 20% lighter version of the original color is **69.0066, 74.8371, 97.9968**, and **16.1766, 17.9677, 26.2824** is the 20% darker color. If you saturate the color by 10%, you get **31.8598, 35.4086, 53.8713**, and if you desaturate by 10%, it is **41.6928, 44.8566, 55.1766**.

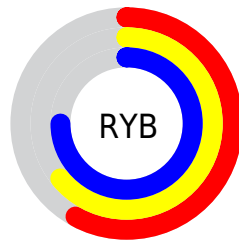
Distribution



Red (58%)

Green (68%)

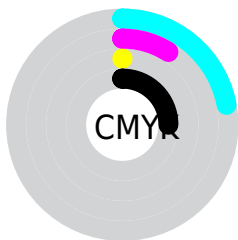
Blue (75%)



Red (58%)

Yellow (64%)

Blue (75%)

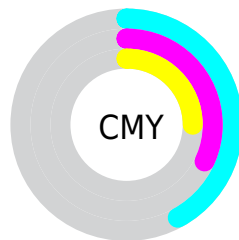


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4506, 39.9007, 54.4957 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 36.4506, 39.9007, 54.4957 by changing the saturation by 10% instead.

■ 36.4506, 39.9007,
54.4957

■ 36.4506, 39.9007,
54.4957

322.3228,
345.7049, 421.2254

■ 24.9541, 27.4611,
38.6022

■ 69.0463, 75.0123,
98.2654

■ 16.1714, 17.9198,
26.1450

■ 90.8763, 98.4531,
126.9787

■ 9.7372, 10.8925,
16.7054

116.8814,
126.3297, 160.8024

■ 5.2860, 5.9946,
9.8649

147.4272,
159.0267, 200.1550

■ 2.4525, 2.8418,
5.2051

182.8788,
196.9282, 245.4551

■ 0.8714, 1.0497,
2.3072

223.6017,

■ 0.0000, 0.0000,

240.4189, 297.1212

0.7353

269.9612,
289.8829, 355.5717

■ 0.0000, 0.0000,
0.0000

■ 36.4506, 39.9007,
54.4957

■ 36.4506, 39.9007,
54.4957

■ 31.8598, 35.4086,
53.8713

■ 41.6928, 44.8566,
55.1766

■ 27.8879, 31.3585,
53.2988

■ 47.6099, 50.2875,
55.9130

■ 24.5048, 27.7337,
52.7775

■ 54.2283, 56.2100,
56.7074

■ 21.6764, 24.5143,
52.3052

■ 61.5722, 62.6384,
57.5611

■ 19.3646, 21.6786,
51.8797

■ 69.6644, 69.5866,
58.4757

■ 17.5261, 19.2017,
51.4985

■ 75.9030, 75.7149,
59.3298

■ 16.1091, 17.0547,
51.1587

■ 77.9575, 79.8240,
60.0147

■ 15.2111, 15.5511,
50.9159

■ 80.1059, 84.1208,
60.7308

■ 82.3495, 88.6079,
61.4787

Harmonies

Analogous

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



34.9282, 39.9007, 50.5159



36.4506, 39.9007, 54.4957



38.4188, 39.9007, 55.3941

Triad

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



36.4506, 39.9007, 54.4957



41.8947, 39.9007, 42.0505



35.6265, 39.9007, 35.2108

Complementary

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



36.4506, 39.9007, 54.4957



40.0362, 39.9959, 33.6278

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.



37.4343, 39.9007, 33.3512



36.4506, 39.9007, 54.4957



41.0873, 39.9007, 37.0669

Square

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



36.4506, 39.9007, 54.4957



41.6087, 39.9007, 47.8637



39.4374, 39.9007, 33.9995



34.4643, 39.9007, 39.3071

Rectangle

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



36.4506, 39.9007, 54.4957



39.7279, 39.9007, 54.0583



39.4374, 39.9007, 33.9995



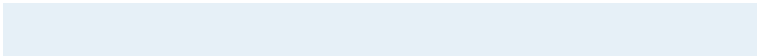
36.1763, 39.9007, 34.3207

Sweetspot

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



36.4518, 39.9023, 54.4966



80.7481, 86.0879, 100.6399



37.4004, 45.8330, 42.3783



17.5884, 18.7726, 22.0818



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.



36.4518, 39.9023, 54.4966



61.4744, 67.8633, 98.1380



32.7687, 32.5361, 53.2689



9.4759, 10.1441, 12.1308



10.1930, 10.4977, 33.8819



0.4619, 0.5365, 1.3481

Inverse Universe

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



39.3690, 35.1451, 44.2456



67.8778, 57.8935, 75.5301



44.0981, 48.1197, 34.9818



9.7621, 9.6291, 11.1360



16.1457, 8.0894, 11.3268



0.6641, 0.3295, 0.6102

Previews

White Background



This preview shows how the XYZ color 36.4506, 39.9007, 54.4957 looks on a white background.

Color Contrast Check

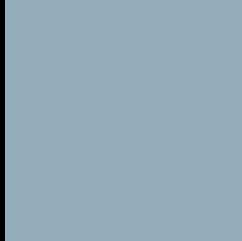
Large Text (above 18pt) WCAG AA × Fail

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 36.4506, 39.9007, 54.4957 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

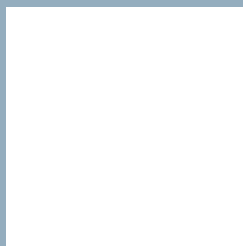
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4506, 39.9007, 54.4957

Background



This preview shows how black text looks on a background with the XYZ color 36.4506, 39.9007, 54.4957.



This preview shows how white text looks on a background with the XYZ color 36.4506, 39.9007,

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

36.4506, 39.9007, 54.4957

Protanopia

38.9086, 39.8086, 52.6468

Deuteranopia

40.6488, 39.8300, 55.4147



Tritanopia

35.9458, 39.6780, 52.7778

Trichromacy



Original Color

36.4506, 39.9007, 54.4957

Protanomaly

37.9490, 39.8539, 53.2694

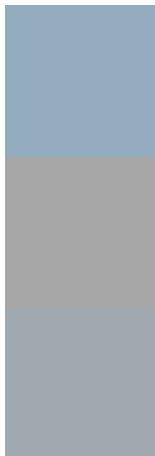
Deuteranomaly

38.9237, 39.7662, 54.9144

Tritanomaly

36.0533, 39.7210, 53.3437

Monochromacy



Original Color

36.4506, 39.9007, 54.4957

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4230, 38.9447, 46.1548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4506, 39.9007, 54.4957 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(148, 173, 190) looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 190)  
}
```

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(148, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 190) }
```

Border

The CSS property to change the border of an element to XYZ 36.4506, 39.9007, 54.4957 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(148, 173, 190) }
```


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

```
.border{ border-color:rgb(148, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4506, 39.9007, 54.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 190) }
```

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

```
.background{ background-color: rgb(148,  
173, 190) }
```

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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