

Converting Colors

XYZ(36.4007, 39.0557, 53.1969)

Have a look what the booklet for
XYZ(36.4007, 39.0557, 53.1969)
contains.

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Color

**XYZ(36.4007, 39.0557,
53.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	98AABC
RGB	152, 170, 188
RGB Percent	60%, 67%, 74%
CMY	0.4039, 0.3333, 0.2627
CMYK	0.19, 0.10, 0.00, 0.26
HSL	210°, 21%, 67%
HSV	210°, 19%, 74%
XYZ	36.4007, 39.0557, 53.1969
YIQ	166.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

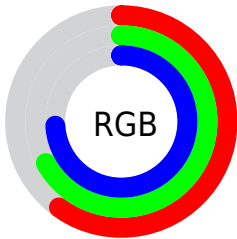
Format	Color
RYB	152, 164, 188
Decimal	10005180
CIELab	68.79, -2.38, -11.33
CIElCh	69, 11.576, 258.134
Yxy	39.0557, 0.2829, 0.3036
Android (android.graphics.Color)	4288195260 (0xFF98AABC)
YUV	166.6700, 10.5157, -12.8656
Hunter-Lab	62.4946, -5.3960, -6.7229

Details

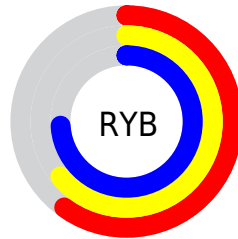
The XYZ color **36.4007, 39.0557, 53.1969** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7815, 41.7077, 35.6075**, and the grayscale version is **36.5273, 38.4296, 41.8498**.

A 20% lighter version of the original color is **68.9865, 73.6475, 96.1674**, and **16.2184, 17.4728, 25.4395** is the 20% darker color. If you saturate the color by 10%, you get **31.4579, 33.9857, 52.4794**, and if you desaturate by 10%, it is **42.0296, 44.6684, 53.9842**.

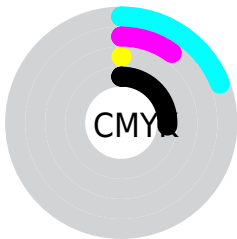
Distribution



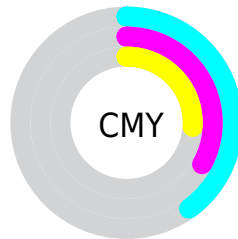
- Red (60%)
- Green (67%)
- Blue (74%)



- Red (60%)
- Yellow (64%)
- Blue (74%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4007, 39.0557, 53.1969 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 36.4007, 39.0557, 53.1969 by changing the saturation by 10% instead.

■ 36.4007, 39.0557,
53.1969

■ 36.4007, 39.0557,
53.1969

322.1093,
342.1272, 416.1278

■ 24.9154, 26.8031,
37.5712

■ 68.9699, 73.7234,
96.3385

■ 16.1424, 17.4254,
25.3508

■ 90.7845, 96.9073,
124.6915

■ 9.7165, 10.5382,
16.1172

116.7729,
124.5036, 158.1240

■ 5.2722, 5.7573,
9.4519

147.3005,
156.8969, 197.0545

■ 2.4442, 2.6980,
4.9363

182.7325,
194.4716, 241.9016

■ 0.8672, 0.9762,
2.1518

223.4345,

■ 0.0000, 0.0000,

237.6119, 293.0838

0.6464

269.7716,
286.7023, 351.0197

■ 0.0000, 0.0000,
0.0000

■ 36.4007, 39.0557,
53.1969

■ 36.4007, 39.0557,
53.1969

■ 31.4579, 33.9857,
52.4794

■ 42.0296, 44.6684,
53.9842

■ 27.1688, 29.4348,
51.8271

■ 48.3681, 50.8367,
54.8407

■ 23.5036, 25.3848,
51.2385

■ 55.4428, 57.5790,
55.7693

■ 20.4285, 21.8139,
50.7114

■ 63.2779, 64.9113,
56.7716

■ 17.9063, 18.6987,
50.2430

■ 71.8965, 72.8489,
57.8494

■ 15.8950, 16.0131,
49.8306

■ 77.6217, 79.4998,
58.8314

■ 14.3456, 13.7271,
49.4711

■ 80.2539, 84.7643,
59.7089

■ 13.1726, 11.7919,
49.1593

■ 83.0286, 90.3136,
60.6337

■ 13.0810, 11.6385,
49.1346

■ 85.9477, 96.1519,
61.6068

Harmonies

Analogous

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



34.8166, 39.0557, 50.5003



36.4007, 39.0557, 53.1969



38.2300, 39.0557, 52.8657

Triad

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



36.4007, 39.0557, 53.1969



40.5753, 39.0557, 39.4577



34.5559, 39.0557, 36.1331

Complementary

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



36.4007, 39.0557, 53.1969



40.7815, 41.7077, 35.6075

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.



36.0342, 39.0557, 33.6292



36.4007, 39.0557, 53.1969



39.5255, 39.0557, 35.4370

Square

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



36.4007, 39.0557, 53.1969



40.6813, 39.0557, 44.6362



37.8513, 39.0557, 33.3853



33.7753, 39.0557, 40.4815

Rectangle

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



36.4007, 39.0557, 53.1969



39.3423, 39.0557, 50.9760



37.8513, 39.0557, 33.3853



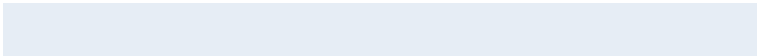
34.9855, 39.0557, 35.0638

Sweetspot

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



36.4019, 39.0573, 53.1978



79.5366, 84.2552, 98.2971



38.1319, 45.5221, 44.5109



16.9475, 17.9656, 21.1170



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.



36.4019, 39.0573, 53.1978



62.0355, 66.7811, 95.8466



33.3526, 32.9588, 52.1814



9.4000, 9.9924, 12.1055



8.9805, 8.0727, 33.4778



0.4172, 0.4471, 1.3332

Inverse Universe

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



39.2239, 36.0510, 42.9233



68.1549, 60.5469, 73.5028



44.2625, 48.6696, 36.7679



9.7238, 9.6138, 10.9343



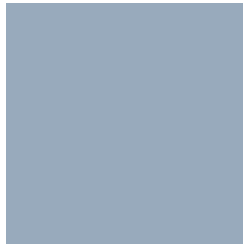
15.5337, 7.8446, 8.1040



0.6415, 0.3205, 0.4914

Previews

White Background



This preview shows how the XYZ color 36.4007, 39.0557, 53.1969 looks on a white background.

Color Contrast Check

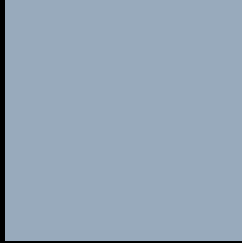
Large Text (above 18pt) WCAG AA × Fail

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 36.4007, 39.0557, 53.1969 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

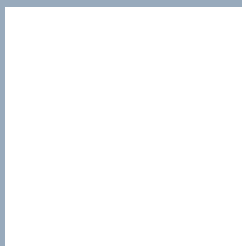
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4007, 39.0557, 53.1969

Background



This preview shows how black text looks on a background with the XYZ color 36.4007, 39.0557, 53.1969.



This preview shows how white text looks on a background with the XYZ color 36.4007, 39.0557,

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

36.4007, 39.0557, 53.1969

Protanopia

38.0162, 38.8169, 51.9431

Deuteranopia

39.7381, 38.8672, 53.5518



Tritanopia

35.9771, 39.1658, 51.0110

Trichromacy



Original Color

36.4007, 39.0557, 53.1969

Protanomaly

37.2856, 38.6989, 52.5182

Deuteranomaly

38.5474, 39.0536, 53.6505

Tritanomaly

36.0824, 39.2079, 51.5651

Monochromacy



Original Color

36.4007, 39.0557, 53.1969

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6408, 38.7818, 46.1119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4007, 39.0557, 53.1969 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(152, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(152, 170, 188)  
}
```

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(152, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 170, 188) }
```

Border

The CSS property to change the border of an element to XYZ 36.4007, 39.0557, 53.1969 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(152, 170, 188) }
```


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

```
.border{ border-color:rgb(152, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(152, 170,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4007, 39.0557, 53.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 170, 188) }
```

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

```
.background{ background-color: rgb(152,  
170, 188) }
```

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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