

Converting Colors

XYZ(39.6512, 42.2559, 53.0862)

Have a look what the booklet for
XYZ(39.6512, 42.2559, 53.0862)
contains.

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Color

**XYZ(39.6095, 42.1403,
53.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AFBB
RGB	164, 175, 187
RGB Percent	64%, 69%, 73%
CMY	0.3569, 0.3137, 0.2667
CMYK	0.12, 0.06, 0.00, 0.27
HSL	211°, 14%, 69%
HSV	211°, 12%, 73%
XYZ	39.6095, 42.1403, 53.0600
YIQ	173.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

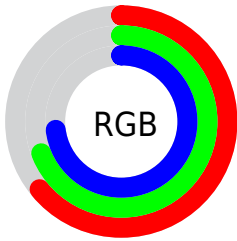
Format	Color
RYB	164, 171, 187
Decimal	10792891
CIELab	70.97, -1.39, -7.44
CIELCh	71, 7.570, 259.427
Yxy	42.1403, 0.2938, 0.3126
Android (android.graphics.Color)	4288982971 (0xFFA4AFBB)
YUV	173.0790, 6.8631, -7.9623
Hunter-Lab	64.9156, -4.6870, -3.0209

Details

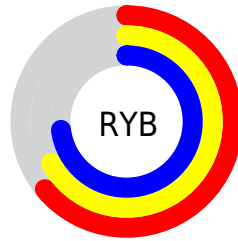
The XYZ color **39.6095, 42.1403, 53.0600** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7201, 44.2958, 41.4213**, and the grayscale version is **39.7317, 41.8008, 45.5211**.

A 20% lighter version of the original color is **73.6879, 78.1248, 95.9898**, and **18.0681, 19.3319, 25.3334** is the 20% darker color. If you saturate the color by 10%, you get **34.2002, 36.6353, 52.2832**, and if you desaturate by 10%, it is **45.7259, 48.2157, 53.9110**.

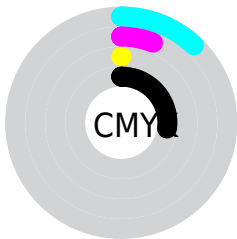
Distribution



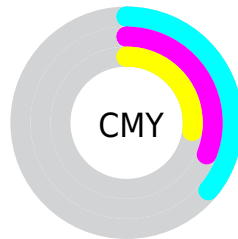
- Red (64%)
- Green (69%)
- Blue (73%)



- Red (64%)
- Yellow (67%)
- Blue (73%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6095, 42.1403, 53.0600 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 39.6095, 42.1403, 53.0600 by changing the saturation by 10% instead.

■ 39.6095, 42.1403,
53.0600

■ 39.6095, 42.1403,
53.0600

335.6376,
355.0642, 415.5881

■ 27.4171, 29.2112,
37.4626

■ 73.8566, 78.4119,
96.1351

■ 18.0249, 19.2406,
25.2673

■ 96.6420, 102.5232,
124.4499

■ 11.0677, 11.8443,
16.0555

123.6891,
131.1306, 157.8409

■ 6.1800, 6.6377,
9.4086

155.3633,
164.6186, 196.7267

■ 2.9965, 3.2366,
4.9082

192.0299,
203.3716, 241.5257

■ 1.1519, 1.2565,
2.1357

234.0542,

■ 0.0679, 0.1071,

247.7739, 292.6566

0.6369

281.8017,
298.2100, 350.5379

■ 0.0000, 0.0000,
0.0000

■ 39.6095, 42.1403,
53.0600

■ 39.6095, 42.1403,
53.0600

■ 34.2002, 36.6353,
52.2832

■ 45.7259, 48.2157,
53.9110

■ 29.4667, 31.6769,
51.5756

■ 52.5717, 54.8738,
54.8353

■ 25.3809, 27.2474,
50.9360

■ 60.1727, 62.1329,
55.8358

■ 21.9109, 23.3257,
50.3619

■ 68.5521, 70.0091,
56.9144

■ 19.0221, 19.8892,
49.8508

■ 76.8058, 78.0399,
58.0295

■ 16.6760, 16.9133,
49.4001

■ 79.4997, 83.4278,
58.9275

■ 14.8288, 14.3700,
49.0065

■ 82.3465, 89.1214,
59.8764

■ 13.4286, 12.2275,
48.6668

■ 85.3484, 95.1253,
60.8771

■ 12.5800, 10.8083,
48.4376

■ 85.9698, 96.3679,
61.0842

Harmonies

Analogous

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



38.4954, 42.1403, 51.3675



39.6095, 42.1403, 53.0600



40.8657, 42.1403, 52.7546

Triad

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



39.6095, 42.1403, 53.0600



42.3854, 42.1403, 43.6107



38.2380, 42.1403, 41.5103

Complementary

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



39.6095, 42.1403, 53.0600



42.7201, 44.2958, 41.4213

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.



39.2514, 42.1403, 39.6367



39.6095, 42.1403, 53.0600



41.6522, 42.1403, 40.8046

Square

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



39.6095, 42.1403, 53.0600



42.4862, 42.1403, 47.1706



40.5000, 42.1403, 39.3854



37.7147, 42.1403, 44.6203

Rectangle

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



39.6095, 42.1403, 53.0600



41.6141, 42.1403, 51.4638



40.5000, 42.1403, 39.3854



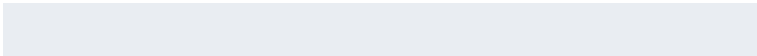
38.5316, 42.1403, 40.7221

Sweetspot

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



39.6107, 42.1421, 53.0609



79.8661, 84.3570, 96.2745



40.9059, 46.5639, 47.8464



17.3990, 18.3904, 21.1752



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.



39.6107, 42.1421, 53.0609



67.9604, 72.4681, 94.6073



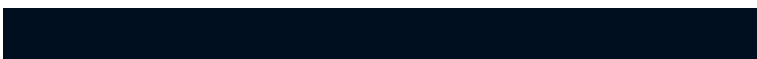
37.6351, 38.0731, 52.3797



9.3828, 9.9580, 12.0998



8.7390, 7.5898, 33.3973



0.4078, 0.4283, 1.3300

Inverse Universe

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



41.5079, 40.2119, 46.1334



72.1131, 68.3656, 79.4157



44.8718, 48.7383, 42.1653



9.7151, 9.6103, 10.8887



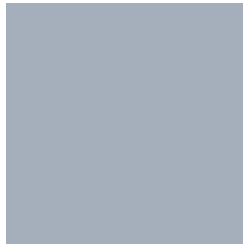
15.4118, 7.7959, 7.4623



0.6368, 0.3186, 0.4664

Previews

White Background



This preview shows how the XYZ color 39.6095, 42.1403, 53.0600 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 39.6095, 42.1403, 53.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

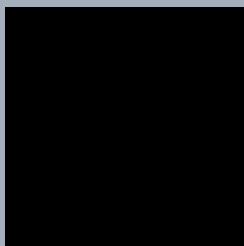
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

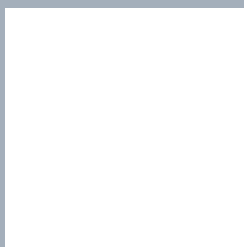
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6095, 42.1403, 53.0600

Background



This preview shows how black text looks on a background with the XYZ color 39.6095, 42.1403, 53.0600.

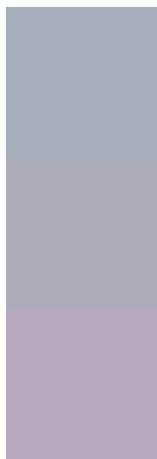


This preview shows how white text looks on a background with the XYZ color 39.6095, 42.1403,

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

39.6095, 42.1403, 53.0600

Protanopia

40.7431, 41.8921, 51.8375

Deuteranopia

43.0322, 42.1971, 53.4538



Tritanopia

39.8251, 42.2266, 54.1956

Trichromacy



Original Color

39.6095, 42.1403, 53.0600

Protanomaly

40.3841, 41.9784, 52.4285

Deuteranomaly

41.7715, 42.1038, 53.5022

Tritanomaly

39.7169, 42.1833, 53.6258

Monochromacy



Original Color

39.6095, 42.1403, 53.0600

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7495, 42.0325, 48.1375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6095, 42.1403, 53.0600 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(164, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(164, 175, 187)  
}
```

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(164, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.6095, 42.1403, 53.0600 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(164, 175, 187) }
```


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

```
.border{ border-color:rgb(164, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(164, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6095, 42.1403, 53.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 175, 187) }
```

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

```
.background{ background-color: rgb(164,  
175, 187) }
```

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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