

Converting Colors

XYZ(43.3328, 47.7272, 54.0251)

Have a look what the booklet for
XYZ(43.3328, 47.7272, 54.0251)
contains.

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Color

**XYZ(43.3175, 47.6746,
53.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	AABBBB
RGB	170, 187, 187
RGB Percent	67%, 73%, 73%
CMY	0.3333, 0.2666, 0.2667
CMYK	0.09, 0.00, 0.00, 0.27
HSL	180°, 11%, 70%
HSV	180°, 9%, 73%
XYZ	43.3175, 47.6746, 53.9327
YIQ	181.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

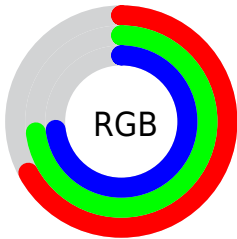
Format	Color
RYB	170, 179, 187
Decimal	11189179
CIELab	74.62, -5.82, -2.00
CIELCh	75, 6.156, 198.998
Yxy	47.6746, 0.2989, 0.3290
Android (android.graphics.Color)	4289379259 (0xFFAABBBB)
YUV	181.9170, 2.5059, -10.4512
Hunter-Lab	69.0468, -8.8474, 2.0211

Details

The XYZ color **43.3175, 47.6746, 53.9327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1257, 42.2177, 43.9610**, and the grayscale version is **44.4101, 46.7229, 50.8812**.

A 20% lighter version of the original color is **79.2796, 86.5798, 97.3271**, and **20.2994, 22.6230, 25.8510** is the 20% darker color. If you saturate the color by 10%, you get **39.5591, 45.7384, 53.7559**, and if you desaturate by 10%, it is **47.6537, 49.9113, 54.1386**.

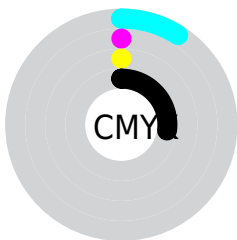
Distribution



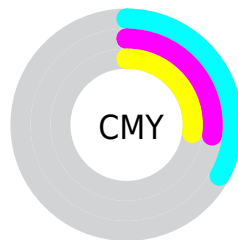
- Red (67%)
- Green (73%)
- Blue (73%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3175, 47.6746, 53.9327 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 43.3175, 47.6746, 53.9327 by changing the saturation by 10% instead.

■ 43.3175, 47.6746,
53.9327

■ 43.3175, 47.6746,
53.9327

350.8153,
377.5009, 419.0207

■ 30.3299, 33.5693,
38.1550

■ 79.4425, 86.7197,
97.4308

■ 20.2384, 22.5629,
25.8003

103.3106,
112.4283, 125.9884

■ 12.6778, 14.2711,
16.4499

131.5363,
142.7734, 159.6430

■ 7.2825, 8.3095,
9.6853

164.4848,
178.1395, 198.8132

■ 3.6873, 4.2936,
5.0879

202.5217,
218.9108, 243.9175

■ 1.5268, 1.8391,
2.2393

246.0121,

■ 0.3440, 0.5114,

265.4719, 295.3745

0.6969

295.3215,
318.2071, 353.6027

■ 0.0000, 0.0000,
0.0000

■ 43.3175, 47.6746,
53.9327

■ 43.3175, 47.6746,
53.9327

■ 39.5591, 45.7384,
53.7559

■ 47.6537, 49.9113,
54.1386

■ 36.3502, 44.0842,
53.6038

■ 52.5864, 52.4541,
54.3713

■ 33.6663, 42.7007,
53.4762

■ 58.1384, 55.3162,
54.6331

■ 31.4796, 41.5734,
53.3720

■ 64.3300, 58.5081,
54.9248

■ 29.7595, 40.6867,
53.2895

■ 67.9829, 60.3912,
55.0977

■ 28.4720, 40.0230,
53.2273

■ 67.9832, 60.3913,
55.0996

■ 27.5789, 39.5626,
53.1836

■ 67.9836, 60.3915,
55.1016

■ 27.0347, 39.2822,
53.1562

■ 67.9840, 60.3916,
55.1035

■ 26.7589, 39.1400,
53.1414

■ 67.9844, 60.3917,
55.1055

Harmonies

Analogous

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



43.2425, 47.6746, 50.7473



43.3175, 47.6746, 53.9327



43.9221, 47.6746, 56.6793

Triad

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



43.3175, 47.6746, 53.9327



46.9495, 47.6746, 56.0403



45.7234, 47.6746, 46.1163

Complementary

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



43.3175, 47.6746, 53.9327



42.1257, 42.2177, 43.9610

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.



46.7335, 47.6746, 47.4151



43.3175, 47.6746, 53.9327



47.4491, 47.6746, 53.0894

Square

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



43.3175, 47.6746, 53.9327



46.0143, 47.6746, 57.9302



47.3694, 47.6746, 49.9376



44.6194, 47.6746, 46.3212

Rectangle

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



43.3175, 47.6746, 53.9327



44.5497, 47.6746, 57.8512



47.3694, 47.6746, 49.9376



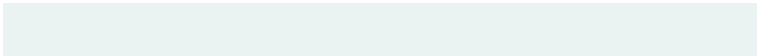
46.0855, 47.6746, 46.3893

Sweetspot

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



43.3189, 47.6766, 53.9338



82.1462, 87.7381, 96.8059



41.6662, 47.0226, 44.9111



17.9504, 19.2495, 21.3117



90.7827, 95.5105, 104.0109



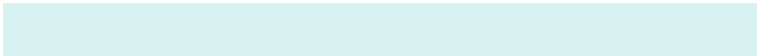
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3189, 47.6766, 53.9338



76.0920, 84.6172, 96.5198



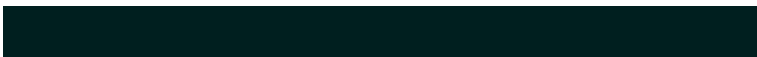
41.6252, 44.2888, 53.3709



9.8085, 10.8095, 12.2413



18.4216, 26.9589, 36.6124



0.7216, 1.0560, 1.4343

Inverse Universe

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



42.1257, 42.2177, 43.9610



73.5019, 72.7674, 74.8715



43.7145, 45.3959, 44.4891



9.5303, 9.5364, 9.9154



14.1204, 7.2793, 0.6617



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 43.3175, 47.6746, 53.9327 looks on a white background.

Color Contrast Check

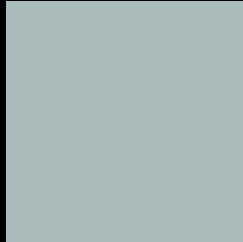
Large Text (above 18pt) WCAG AA × Fail

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 43.3175, 47.6746, 53.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

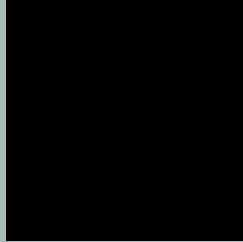
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

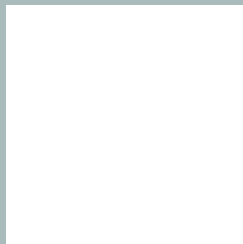
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3175, 47.6746, 53.9327

Background



This preview shows how black text looks on a background with the XYZ color 43.3175, 47.6746, 53.9327.

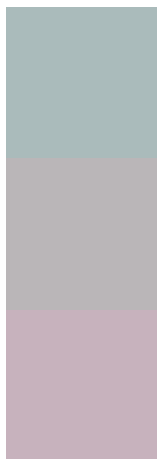


This preview shows how white text looks on a background with the XYZ color 43.3175, 47.6746,

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

43.3175, 47.6746, 53.9327

Protanopia

45.6294, 47.3557, 52.0830

Deuteranopia

48.6589, 47.6570, 54.7782



Tritanopia

44.7875, 47.6387, 61.4782

Trichromacy



Original Color

43.3175, 47.6746, 53.9327

Protanomaly

44.7198, 47.4871, 52.7079

Deuteranomaly

46.3400, 47.3700, 54.2779

Tritanomaly

44.2038, 47.7159, 58.5101

Monochromacy



Original Color

43.3175, 47.6746, 53.9327

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1523, 47.2066, 52.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3175, 47.6746, 53.9327 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(170, 187, 187) looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 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(170, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.3175, 47.6746, 53.9327 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(170, 187, 187) }
```


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

```
.border{ border-color:rgb(170, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3175, 47.6746, 53.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 187) }
```

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

```
.background{ background-color: rgb(170,  
187, 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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