

Converting Colors

XYZ(42.6166, 44.5892, 53.8137)

Have a look what the booklet for
XYZ(42.6166, 44.5892, 53.8137)
contains.

XYZ(42.6767, 44.5856, 53.9335)	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(42.6767, 44.5856,
53.9335)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB2BC
RGB	175, 178, 188
RGB Percent	69%, 70%, 74%
CMY	0.3137, 0.3019, 0.2627
CMYK	0.07, 0.05, 0.00, 0.26
HSL	226°, 9%, 71%
HSV	226°, 7%, 74%
XYZ	42.6767, 44.5856, 53.9335
YIQ	178.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

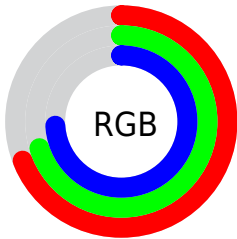
Format	Color
RYB	175, 177, 188
Decimal	11514556
CIELab	72.62, 0.90, -5.45
CIElCh	73, 5.528, 279.344
Yxy	44.5856, 0.3023, 0.3158
Android (android.graphics.Color)	4289704636 (0xFFAFB2BC)
YUV	178.2430, 4.8102, -2.8441
Hunter-Lab	66.7724, -2.7659, -1.1491

Details

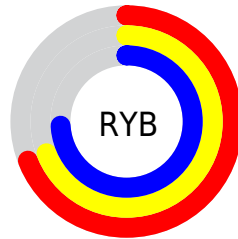
The XYZ color **42.6767, 44.5856, 53.9335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8260, 48.4840, 47.5013**, and the grayscale version is **42.4239, 44.6332, 48.6055**.

A 20% lighter version of the original color is **78.7069, 82.3662, 97.3379**, and **19.8752, 20.6275, 25.8556** is the 20% darker color. If you saturate the color by 10%, you get **36.0210, 37.1078, 52.8416**, and if you desaturate by 10%, it is **50.2257, 52.9764, 55.1559**.

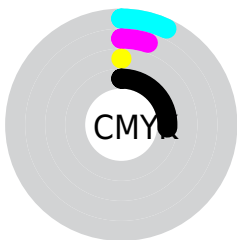
Distribution



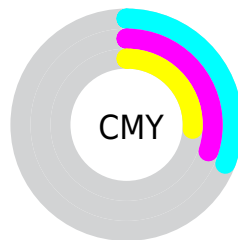
- Red (69%)
- Green (70%)
- Blue (74%)



- Red (69%)
- Yellow (69%)
- Blue (74%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6767, 44.5856, 53.9335 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 42.6767, 44.5856, 53.9335 by changing the saturation by 10% instead.

■ 42.6767, 44.5856,
53.9335

■ 42.6767, 44.5856,
53.9335

348.2246,
365.0926, 419.0238

■ 29.8250, 31.1311,
38.1557

■ 78.4815, 82.0982,
97.4320

■ 19.8532, 20.6987,
25.8008

102.1653,
106.9252, 125.9898

■ 12.3960, 12.9040,
16.4502

130.1905,
136.3117, 159.6446

■ 7.0881, 7.3624,
9.6855

162.9224,
170.6423, 198.8151

■ 3.5641, 3.6898,
5.0881

200.7264,
210.3013, 243.9197

■ 1.4586, 1.5016,
2.2394

243.9679,

■ 0.2974, 0.2898,

255.6731, 295.3770

0.6970

293.0122,
307.1421, 353.6055

■ 0.0000, 0.0000,
0.0000

■ 42.6767, 44.5856,
53.9335

■ 42.6767, 44.5856,
53.9335

■ 36.0210, 37.1078,
52.8416

■ 50.2257, 52.9764,
55.1559

■ 30.2212, 30.5063,
51.8731

■ 58.6957, 62.3042,
56.5099

■ 25.2430, 24.7499,
51.0244

■ 68.1182, 72.5991,
58.0004

■ 21.0481, 19.8036,
50.2907

■ 78.5219, 83.8881,
59.6311

■ 17.5955, 15.6299,
49.6671

■ 84.5938, 93.4440,
61.1555

■ 14.8397, 12.1879,
49.1480

■ 86.0772, 96.4109,
61.6500

■ 12.7303, 9.4331,
48.7274

■ 11.2097, 7.3152,
48.3988

■ 10.2021, 5.7729,
48.1542

Harmonies

Analogous

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



41.7315, 44.5856, 53.6456



42.6767, 44.5856, 53.9335



43.5545, 44.5856, 52.7364

Triad

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



42.6767, 44.5856, 53.9335



43.8162, 44.5856, 45.2815



40.6788, 44.5856, 46.7109

Complementary

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



42.6767, 44.5856, 53.9335



45.8260, 48.4840, 47.5013

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.



41.2215, 44.5856, 44.5839



42.6767, 44.5856, 53.9335



43.0297, 44.5856, 43.7805

Square

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



42.6767, 44.5856, 53.9335



44.2188, 44.5856, 47.6956



42.0793, 44.5856, 43.5300



40.5876, 44.5856, 49.4067

Rectangle

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



42.6767, 44.5856, 53.9335



43.9798, 44.5856, 51.2828



42.0793, 44.5856, 43.5300



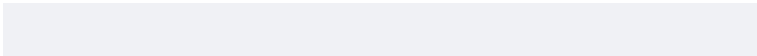
40.8141, 44.5856, 45.9086

Sweetspot

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



42.6780, 44.5875, 53.9345



83.8191, 88.0201, 98.7980



44.4166, 48.5825, 52.9175



18.0556, 18.9625, 21.2511



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.



42.6780, 44.5875, 53.9345



75.7940, 79.0714, 97.4937



42.8752, 43.8119, 53.7744



9.1906, 9.5734, 12.0357



6.8268, 3.7654, 32.7599



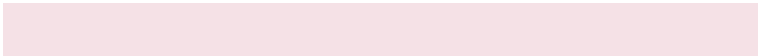
0.3188, 0.2503, 1.3004

Inverse Universe

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



44.1059, 44.5666, 48.3993



78.8165, 79.0424, 85.7739



45.6170, 49.3186, 47.6734



9.6180, 9.5715, 10.3776



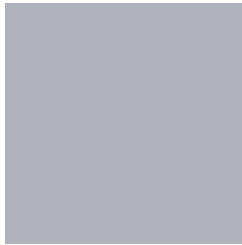
14.4466, 7.4098, 2.3797



0.5918, 0.3006, 0.2298

Previews

White Background



This preview shows how the XYZ color 42.6767, 44.5856, 53.9335 looks on a white background.

Color Contrast Check

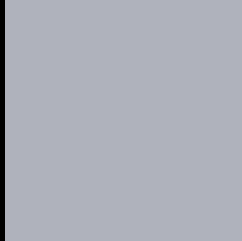
Large Text (above 18pt) WCAG AA × Fail

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 42.6767, 44.5856, 53.9335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

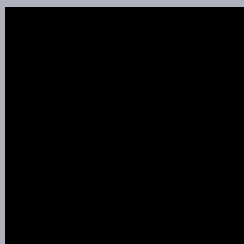
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

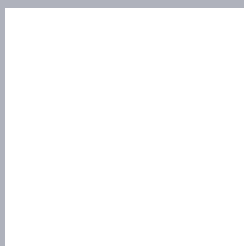
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6767, 44.5856, 53.9335

Background



This preview shows how black text looks on a background with the XYZ color 42.6767, 44.5856, 53.9335.

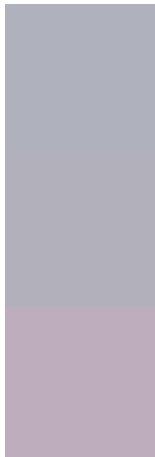


This preview shows how white text looks on a background with the XYZ color 42.6767, 44.5856,

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

42.6767, 44.5856, 53.9335

Protanopia

43.0519, 44.4971, 53.3334

Deuteranopia

45.3641, 44.5084, 54.3442



Tritanopia

43.0306, 44.4360, 55.5993

Trichromacy



Original Color

42.6767, 44.5856, 53.9335

Protanomaly

42.8232, 44.3792, 53.3227

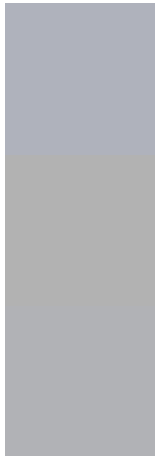
Deuteranomaly

44.5229, 44.6484, 54.4155

Tritanomaly

42.9209, 44.3921, 55.0216

Monochromacy



Original Color

42.6767, 44.5856, 53.9335

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4954, 44.5653, 50.6182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6767, 44.5856, 53.9335 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(175, 178, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 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(175, 178, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.6767, 44.5856, 53.9335 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(175, 178, 188) }
```


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

```
.border{ border-color:rgb(175, 178, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 188);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6767, 44.5856, 53.9335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 188) }
```

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

```
.background{ background-color: rgb(175,  
178, 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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