

Converting Colors

XYZ(40.6565, 50.9841, 36.5523)

Have a look what the booklet for
XYZ(40.6565, 50.9841, 36.5523)
contains.

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Color

**XYZ(40.6565, 50.9841,
36.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C896
RGB	160, 200, 150
RGB Percent	63%, 78%, 59%
CMY	0.3725, 0.2157, 0.4118
CMYK	0.20, 0.00, 0.25, 0.22
HSL	108°, 31%, 69%
HSV	108°, 25%, 78%
XYZ	40.6565, 50.9841, 36.5523
YIQ	182.3400, -7.7900, -24.0300

Conversions

Conversions Part 2

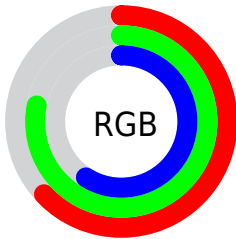
Format	Color
RYB	150, 200, 190
Decimal	10537110
CIELab	76.67, -22.70, 20.77
CIELCh	77, 30.774, 137.540
Yxy	50.9841, 0.3172, 0.3977
Android (android.graphics.Color)	4288727190 (0xFFA0C896)
YUV	182.3400, -15.9436, -19.5922
Hunter-Lab	71.4032, -23.3188, 19.6308

Details

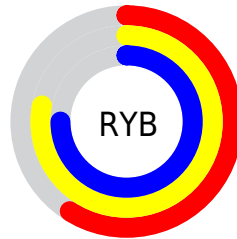
The XYZ color **40.6565, 50.9841, 36.5523** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.5690, 36.9315, 59.5311**, and the grayscale version is **44.7372, 47.0670, 51.2559**.

A 20% lighter version of the original color is **74.6834, 90.3267, 70.6253**, and **18.7154, 24.6468, 15.5753** is the 20% darker color. If you saturate the color by 10%, you get **36.1862, 48.8516, 28.6417**, and if you desaturate by 10%, it is **45.8161, 53.4432, 45.9322**.

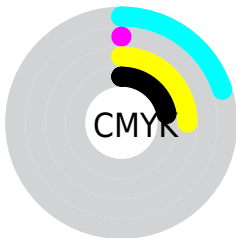
Distribution



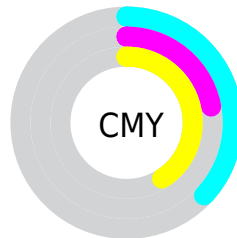
- Red (63%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)





- Cyan (37%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6565, 50.9841, 36.5523 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 40.6565, 50.9841, 36.5523 by changing the saturation by 10% instead.


 40.6565, 50.9841,
36.5523


 40.6565, 50.9841,
36.5523


339.9701,
390.5020, 346.4783

 28.2373, 36.1960,
24.5680


 75.4402, 91.6313,
71.0623

 18.6460, 24.5856,
15.5394


 98.5353, 118.2591,
94.4251

 11.5172, 15.7686,
9.0480


125.9198,
149.6022, 122.4177

 6.4857, 9.3605,
4.6753

157.9591,
186.0451, 155.4588

 3.1860, 4.9771,
2.0026

195.0183,
227.9722, 193.9669

 1.2529, 2.2338,
0.5569

237.4630,

 0.1475, 0.7383,

275.7677, 238.3604

0.0000

285.6585,
329.8162, 289.0581

■ 0.0000, 0.0000,
0.0000

■ 40.6565, 50.9841,
36.5523

■ 40.6565, 50.9841,
36.5523

■ 36.1862, 48.8516,
28.6417

■ 45.8161, 53.4432,
45.9322

■ 32.3717, 47.0255,
22.1228

■ 51.6888, 56.2352,
56.8470

■ 29.1826, 45.4934,
16.9160

■ 58.3020, 59.3743,
69.3624

■ 26.5843, 44.2394,
12.9323

■ 65.6806, 62.8719,
83.5393

■ 24.5389, 43.2461,
10.0716

■ 73.8483, 66.7392,
99.4355

■ 23.0037, 42.4941,
8.2180

■ 79.9453, 69.7905,
103.8651

■ 21.9287, 41.9607,
7.2306

■ 21.5301, 41.7615,
6.9260

Harmonies

Analogous

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



45.1611, 50.9841, 30.2007



40.6565, 50.9841, 36.5523



38.3244, 50.9841, 48.8760

Triad

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



40.6565, 50.9841, 36.5523



46.0823, 50.9841, 93.0947



59.9422, 50.9841, 46.3960

Complementary

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



40.6565, 50.9841, 36.5523



42.5690, 36.9315, 59.5311

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.



60.2389, 50.9841, 62.7253



40.6565, 50.9841, 36.5523



51.9134, 50.9841, 92.0597

Square

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



40.6565, 50.9841, 36.5523



41.2842, 50.9841, 82.7001



57.2006, 50.9841, 80.1049



56.4200, 50.9841, 35.0515

Rectangle

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



40.6565, 50.9841, 36.5523



38.1818, 50.9841, 59.8296



57.2006, 50.9841, 80.1049



60.4321, 50.9841, 51.4092

Sweetspot

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



40.6578, 50.9863, 36.5534



86.1861, 95.7900, 92.2414



47.7400, 51.3106, 36.2427



18.1107, 20.3430, 19.1164



0.0000, 0.0000, 0.0000



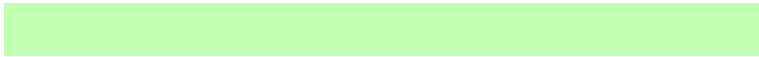
20.3446, 21.4041, 23.3091

Same Dimension

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



40.6578, 50.9863, 36.5534



66.0425, 86.1971, 55.5401



40.0251, 50.5115, 43.2387



10.6923, 11.9883, 11.3132



13.7483, 26.5828, 4.4064



0.7112, 1.2897, 0.2115

Inverse Universe

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



42.5690, 36.9315, 59.5311



69.9042, 57.7333, 102.0670



43.4845, 37.5962, 50.8658



10.8673, 10.7054, 13.4111



15.9216, 7.4421, 35.3417



0.8082, 0.3804, 1.6760

Previews

White Background



This preview shows how the XYZ color 40.6565, 50.9841, 36.5523 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 40.6565, 50.9841, 36.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

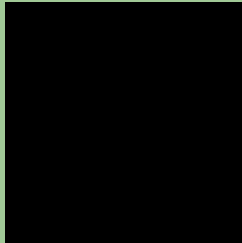
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

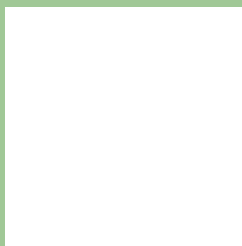
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6565, 50.9841, 36.5523

Background



This preview shows how black text looks on a background with the XYZ color 40.6565, 50.9841, 36.5523.



This preview shows how white text looks on a background with the XYZ color 40.6565, 50.9841,

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

40.6565, 50.9841, 36.5523

Protanopia

47.4512, 50.5673, 34.0476

Deuteranopia

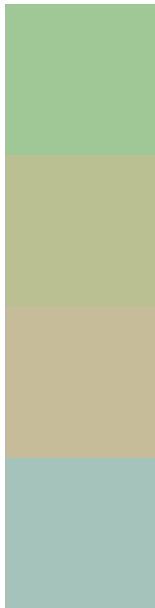
51.5700, 50.4409, 37.5899



Tritanopia

46.5970, 50.6884, 67.0024

Trichromacy



Original Color

40.6565, 50.9841, 36.5523

Protanomaly

44.6096, 50.3707, 34.9751

Deuteranomaly

47.0217, 50.2721, 37.3622

Tritanomaly

44.2106, 50.7251, 54.4745

Monochromacy



Original Color

40.6565, 50.9841, 36.5523

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.9089, 48.2961, 45.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6565, 50.9841, 36.5523 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(160, 200, 150)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 150)  
}
```

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(160, 200, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 150) }
```

Border

The CSS property to change the border of an element to XYZ 40.6565, 50.9841, 36.5523 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(160, 200, 150) }
```


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

```
.border{ border-color:rgb(160, 200, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 200, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 150);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6565, 50.9841, 36.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 150) }
```

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

```
.background{ background-color: rgb(160,  
200, 150) }
```

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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