

Converting Colors

XYZ(40.6527, 36.2086, 36.7446)

Have a look what the booklet for
XYZ(40.6527, 36.2086, 36.7446)
contains.

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Color

**XYZ(40.6527, 36.2086,
36.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	C8959D
RGB	200, 149, 157
RGB Percent	78%, 58%, 62%
CMY	0.2157, 0.4157, 0.3843
CMYK	0.00, 0.25, 0.21, 0.22
HSL	351°, 32%, 68%
HSV	351°, 25%, 78%
XYZ	40.6527, 36.2086, 36.7446
YIQ	165.1610, 27.8280, 13.3000

Conversions

Conversions Part 2

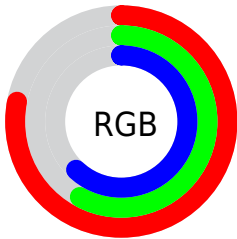
Format	Color
R_{YB}	200, 149, 157
Decimal	13145501
CIE _{Lab}	66.68, 20.35, 3.31
CIE _{LCh}	67, 20.613, 9.231
Yxy	36.2086, 0.3578, 0.3187
Android (android.graphics.Color)	4291335581 (0xFFC8959D)
YUV	165.1610, -4.0234, 30.5538
Hunter-Lab	60.1736, 15.2891, 5.9165

Details

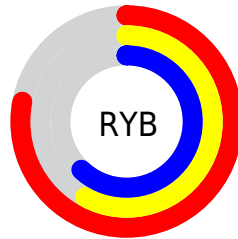
The XYZ color **40.6527, 36.2086, 36.7446** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5647, 51.5048, 57.5699**, and the grayscale version is **35.8516, 37.7187, 41.0757**.

A 20% lighter version of the original color is **74.3538, 68.6750, 70.9648**, and **18.6463, 15.7957, 15.7018** is the 20% darker color. If you saturate the color by 10%, you get **36.4142, 29.8787, 28.7119**, and if you desaturate by 10%, it is **45.6353, 43.7080, 46.0067**.

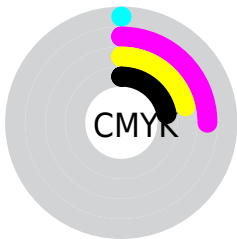
Distribution



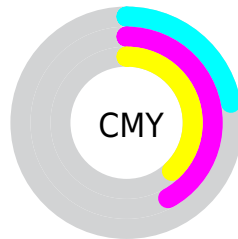
- Red (78%)
- Green (58%)
- Blue (62%)



- Red (78%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6527, 36.2086, 36.7446 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 40.6527, 36.2086, 36.7446 by changing the saturation by 10% instead.

 40.6527, 36.2086,
36.7446


 40.6527, 36.2086,
36.7446


339.9544,
329.8714, 347.3388

 28.2343, 24.5953,
24.7156


 75.4344, 69.3539,
71.3617

 18.6437, 15.7758,
15.6482


 98.5285, 91.6548,
94.7869

 11.5156, 9.3657,
9.1239


125.9118,
118.2869, 122.8479

 6.4846, 4.9805,
4.7242

157.9497,
149.6348, 155.9632

 3.1854, 2.2358,
2.0305

195.0075,
186.0828, 194.5515

 1.2525, 0.7394,
0.5739

237.4507,

 0.1472, 0.0000,

228.0153, 239.0311

0.0000

285.6445,
275.8167, 289.8207

■ 0.0000, 0.0000,
0.0000

■ 40.6527, 36.2086,
36.7446

■ 40.6527, 36.2086,
36.7446

■ 36.4142, 29.8787,
28.7119

■ 45.6353, 43.7080,
46.0067

■ 32.8810, 24.6547,
21.8544

■ 51.3925, 52.4265,
56.5448

■ 30.0152, 20.4741,
16.1173

■ 57.9565, 62.4170,
68.4055

■ 27.7741, 17.2667,
11.4405

■ 65.3570, 73.7276,
81.6328

■ 26.1101, 14.9533,
7.7581

■ 73.6221, 86.4042,
96.2684

■ 24.9684, 13.4421,
4.9965

■ 77.6296, 91.0194,
108.0847

■ 24.2827, 12.6211,
3.0716

■ 24.0717, 12.3803,
2.4422

Harmonies

Analogous

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



40.3065, 36.2086, 45.8061



40.6527, 36.2086, 36.7446



39.2514, 36.2086, 29.5673

Triad

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



40.6527, 36.2086, 36.7446



30.7748, 36.2086, 27.6054



32.3407, 36.2086, 57.6763

Complementary

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



40.6527, 36.2086, 36.7446



42.5647, 51.5048, 57.5699

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.



29.9935, 36.2086, 51.2612



40.6527, 36.2086, 36.7446



29.1279, 36.2086, 33.6659

Square

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



40.6527, 36.2086, 36.7446



33.4661, 36.2086, 24.8383



28.8508, 36.2086, 42.2327



35.3821, 36.2086, 58.8308

Rectangle

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



40.6527, 36.2086, 36.7446



37.5616, 36.2086, 26.4797



28.8508, 36.2086, 42.2327



31.4496, 36.2086, 56.0221

Sweetspot

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



40.6537, 36.2103, 36.7453



86.2370, 86.6091, 92.9060



42.7858, 36.8081, 59.4936



18.1255, 18.0335, 19.2779



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.



40.6537, 36.2103, 36.7453



65.8699, 55.9368, 55.0973



42.8816, 41.7232, 34.2291



10.7005, 10.6636, 11.4064



15.3271, 7.8804, 1.6666



0.7478, 0.3820, 0.1951

Inverse Universe

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



40.6537, 36.2103, 36.7453



65.8699, 55.9368, 55.0973



39.7546, 44.4280, 61.1241



10.7005, 10.6636, 11.4064



15.3271, 7.8804, 1.6666



0.7478, 0.3820, 0.1951

Previews

White Background



This preview shows how the XYZ color 40.6527, 36.2086, 36.7446 looks on a white background.

Color Contrast Check

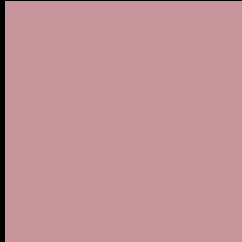
Large Text (above 18pt) WCAG AA × Fail

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 40.6527, 36.2086, 36.7446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

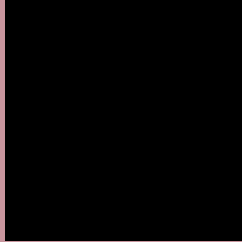
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6527, 36.2086, 36.7446

Background



This preview shows how black text looks on a background with the XYZ color 40.6527, 36.2086, 36.7446.



This preview shows how white text looks on a background with the XYZ color 40.6527, 36.2086,

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

40.6527, 36.2086, 36.7446

Protanopia

35.1382, 36.5203, 40.3191

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

40.9120, 36.3123, 38.1104

Trichromacy



Original Color

40.6527, 36.2086, 36.7446

Protanomaly

36.8501, 36.1521, 38.7541

Deuteranomaly

38.2954, 36.2029, 36.4220

Tritanomaly

40.8249, 36.2775, 37.6514

Monochromacy



Original Color

40.6527, 36.2086, 36.7446

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2798, 36.8699, 39.3342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6527, 36.2086, 36.7446 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(200, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 157)  
}
```

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(200, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.6527, 36.2086, 36.7446 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(200, 149, 157) }
```


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

```
.border{ border-color:rgb(200, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6527, 36.2086, 36.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 157) }
```

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

```
.background{ background-color: rgb(200,  
149, 157) }
```

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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