

Converting Colors

XYZ(33.7602, 27.3619, 25.5055)

Have a look what the booklet for
XYZ(33.7602, 27.3619, 25.5055)
contains.

XYZ(33.7535, 27.4340, 25.3461)	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(33.7535, 27.4340,
25.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	C37B84
RGB	195, 123, 132
RGB Percent	76%, 48%, 52%
CMY	0.2353, 0.5176, 0.4823
CMYK	0.00, 0.37, 0.32, 0.24
HSL	353°, 37%, 62%
HSV	353°, 37%, 76%
XYZ	33.7535, 27.4340, 25.3461
YIQ	145.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

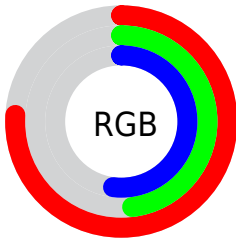
Format	Color
R _Y B	195, 123, 132
Decimal	12811140
CIE Lab	59.37, 29.19, 6.92
CIE LCh	59, 29.999, 13.345
Yxy	27.4340, 0.3901, 0.3170
Android (android.graphics.Color)	4291001220 (0xFFC37B84)
YUV	145.5540, -6.6821, 43.3641
Hunter-Lab	52.3775, 23.3698, 7.9731

Details

The XYZ color **33.7535, 27.4340, 25.3461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5477, 46.7869, 53.5614**, and the grayscale version is **27.1549, 28.5691, 31.1117**.

A 20% lighter version of the original color is **64.7903, 55.4361, 53.1844**, and **14.5913, 10.8786, 9.5143** is the 20% darker color. If you saturate the color by 10%, you get **30.4973, 22.6398, 18.9633**, and if you desaturate by 10%, it is **37.6840, 33.2708, 32.8965**.

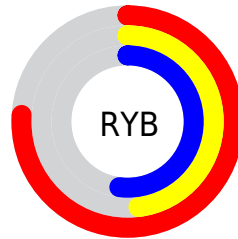
Distribution



Red (76%)

Green (48%)

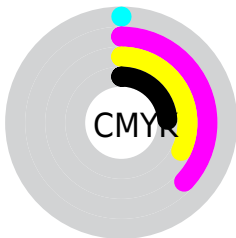
Blue (52%)



Red (76%)

Yellow (48%)

Blue (52%)

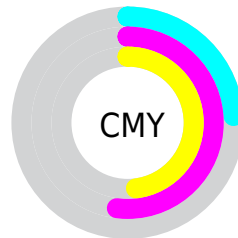


Cyan (0%)

Magenta (37%)

Yellow (32%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7535, 27.4340, 25.3461 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 33.7535, 27.4340, 25.3461 by changing the saturation by 10% instead.


 33.7535, 27.4340,
25.3461


 33.7535, 27.4340,
25.3461

310.6368,
289.7524, 293.0598


 22.8663, 17.8994,
16.1137


 64.8970, 55.5795,
53.1892

 14.6150, 10.8778,
9.4494


 85.8840, 74.9593,
72.6370

 8.6342, 5.9847,
4.9347


 110.9683, 98.3895,
96.3271

 4.5585, 2.8358,
2.1509

140.5153,
126.2547, 124.6779

 2.0227, 1.0466,
0.6458

174.8902,
158.9392, 158.1081

 0.6467, 0.0000,
0.0000

214.4586,

 0.0000, 0.0000,

196.8273, 197.0361

0.0000

259.5857,
240.3036, 241.8805

■ 33.7535, 27.4340,
25.3461

■ 33.7535, 27.4340,
25.3461

■ 30.4973, 22.6398,
18.9633

■ 37.6840, 33.2708,
32.8965

■ 27.8751, 18.8231,
13.6881

■ 42.3217, 40.2025,
41.6673

■ 25.8458, 15.9174,
9.4575


■ 47.6997, 48.2826,
51.7098


■ 24.3625, 13.8466,
6.2014


■ 53.8488, 57.5600,
63.0720


■ 23.3709, 12.5219,
3.8411

■ 60.7976, 68.0806,
75.7996

 22.8004, 11.8243,
2.2836

 68.5736, 79.8880,
89.9357

 22.6744, 11.6696,
1.9416

 75.7486, 90.1153,
105.0371

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



33.6254, 27.4340, 36.2006



33.7535, 27.4340, 25.3461



31.6886, 27.4340, 17.8030

Triad

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



33.7535, 27.4340, 25.3461



21.4249, 27.4340, 17.2114



24.0593, 27.4340, 54.3954

Complementary

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



33.7535, 27.4340, 25.3461



36.5477, 46.7869, 53.5614

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.



21.1672, 27.4340, 46.4384



33.7535, 27.4340, 25.3461



19.7493, 27.4340, 24.3258

Square

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



33.7535, 27.4340, 25.3461



24.4433, 27.4340, 13.9257



19.6597, 27.4340, 34.9046



27.7782, 27.4340, 54.8578

Rectangle

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



33.7535, 27.4340, 25.3461



29.4516, 27.4340, 14.9350



19.6597, 27.4340, 34.9046



22.9672, 27.4340, 52.4352

Sweetspot

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



33.7542, 27.4353, 25.3466



81.1714, 80.0672, 84.6845



37.0384, 28.4716, 55.1732



17.4837, 17.0952, 17.9998



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.



33.7542, 27.4353, 25.3466



55.8254, 42.3142, 36.3461



36.8926, 34.6551, 23.4853



10.1233, 10.0979, 10.7397



14.7544, 7.5915, 1.3529



0.6547, 0.3349, 0.1491

Inverse Universe

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



33.7542, 27.4353, 25.3466



55.8254, 42.3142, 36.3461



32.1335, 36.3796, 56.9581



10.1233, 10.0979, 10.7397



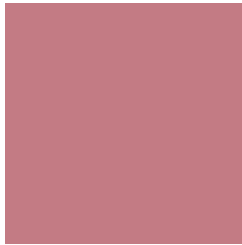
14.7544, 7.5915, 1.3529



0.6547, 0.3349, 0.1491

Previews

White Background



This preview shows how the XYZ color 33.7535, 27.4340, 25.3461 looks on a white background.

Color Contrast Check

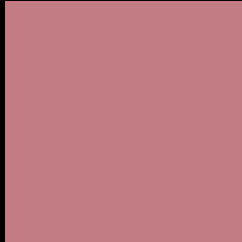
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7535, 27.4340, 25.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

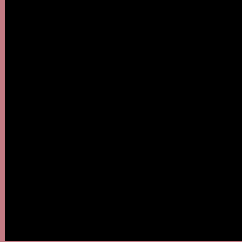
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.7535, 27.4340, 25.3461

Background



This preview shows how black text looks on a background with the XYZ color 33.7535, 27.4340, 25.3461.



This preview shows how white text looks on a background with the XYZ color 33.7535, 27.4340,

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

33.7535, 27.4340, 25.3461

Protanopia

26.6344, 27.7391, 29.9370

Deuteranopia

27.9512, 27.4433, 24.5928



Tritanopia

33.7535, 27.4340, 25.3461

Trichromacy



Original Color

33.7535, 27.4340, 25.3461

Protanomaly

28.7742, 27.3649, 28.1915

Deuteranomaly

29.8724, 27.3854, 24.8306

Tritanomaly

33.7535, 27.4340, 25.3461

Monochromacy



Original Color

33.7535, 27.4340, 25.3461

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.2060, 27.9926, 29.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7535, 27.4340, 25.3461 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(195, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 132)  
}
```

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(195, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 33.7535, 27.4340, 25.3461 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(195, 123, 132) }
```


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

```
.border{ border-color:rgb(195, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7535, 27.4340, 25.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 132) }
```

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

```
.background{ background-color: rgb(195,  
123, 132) }
```

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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