

Converting Colors

XYZ(33.7562, 25.6287, 34.5580)

Have a look what the booklet for
XYZ(33.7562, 25.6287, 34.5580)
contains.

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Color

**XYZ(33.7563, 25.6414,
34.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	C0729C
RGB	192, 114, 156
RGB Percent	75%, 45%, 61%
CMY	0.2471, 0.5529, 0.3882
CMYK	0.00, 0.41, 0.19, 0.25
HSL	328°, 38%, 60%
HSV	328°, 41%, 75%
XYZ	33.7563, 25.6414, 34.6226
YIQ	142.1100, 33.0060, 29.5980

Conversions

Conversions Part 2

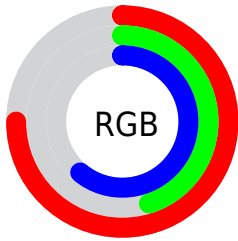
Format	Color
RYB	192, 114, 156
Decimal	12612252
CIELab	57.70, 36.43, -9.45
CIElCh	58, 37.640, 345.461
Yxy	25.6414, 0.3590, 0.2727
Android (android.graphics.Color)	4290802332 (0xFFC0729C)
YUV	142.1100, 6.8478, 43.7535
Hunter-Lab	50.6373, 30.3779, -5.0926

Details

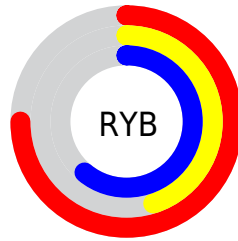
The XYZ color **33.7563, 25.6414, 34.6226** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.2953, 43.4794, 35.5992**, and the grayscale version is **25.7200, 27.0594, 29.4677**.

A 20% lighter version of the original color is **64.8759, 52.6146, 67.7091**, and **14.6438, 9.8933, 14.5024** is the 20% darker color. If you saturate the color by 10%, you get **31.0904, 21.4668, 30.1657**, and if you desaturate by 10%, it is **36.9330, 30.7494, 39.5205**.

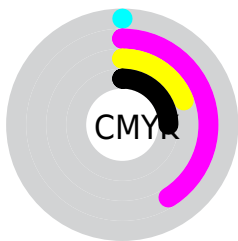
Distribution



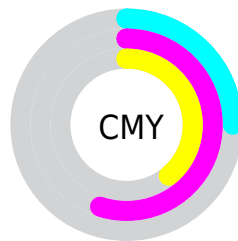
- Red (75%)
- Green (45%)
- Blue (61%)



- Red (75%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (25%)





- Cyan (25%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7563, 25.6414, 34.6226 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 33.7563, 25.6414, 34.6226 by changing the saturation by 10% instead.

 33.7563, 25.6414,
34.6226


 33.7563, 25.6414,
34.6226


310.6491,
281.0173, 337.7529


 22.8684, 16.5556,
23.0911


 64.9013, 52.6959,
68.0456


 14.6166, 9.9181,
14.4548


 85.8892, 71.4333,
90.7742

 8.6353, 5.3447,
8.2953


 110.9745, 94.1567,
118.0722

 4.5593, 2.4509,
4.1940

 140.5225,
121.2505, 150.3582

 2.0231, 0.8519,
1.7324

174.8986,
153.0990, 188.0508

 0.6469, 0.0000,
0.3828

214.4682,

 0.0000, 0.0000,

190.0867, 231.5684

0.0000

259.5966,
232.5980, 281.3295

■ 33.7563, 25.6414,
34.6226

■ 33.7563, 25.6414,
34.6226

■ 31.0904, 21.4668,
30.1657

■ 36.9330, 30.7494,
39.5205

■ 28.9032, 18.1641,
26.1325

■ 40.6456, 36.8400,
44.8724

■ 27.1623, 15.6703,
22.5067

■ 44.9201, 43.9632,
50.6928

■ 25.8301, 13.9120,
19.2695

■ 49.7802, 52.1646,
56.9947

■ 24.8622, 12.8023,
16.3997

■ 55.2480, 61.4870,
63.7906

■ 24.2057, 12.1935,
14.0100

■ 61.3446, 71.9709,
71.0925

■ 68.0900, 83.6547,
78.9119

■ 71.3493, 88.2669,
85.8752

■ 72.6037, 88.7687,
92.4809

Harmonies

Analogous

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



31.0829, 25.6414, 49.1886



33.7563, 25.6414, 34.6226



33.7115, 25.6414, 21.8132

Triad

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



33.7563, 25.6414, 34.6226



22.1340, 25.6414, 10.1830



18.7858, 25.6414, 49.6017

Complementary

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



33.7563, 25.6414, 34.6226



31.2953, 43.4794, 35.5992

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.



16.9386, 25.6414, 35.0697



33.7563, 25.6414, 34.6226



18.7030, 25.6414, 13.8816

Square

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



33.7563, 25.6414, 34.6226



26.6116, 25.6414, 10.1304



16.9103, 25.6414, 22.1421



22.2605, 25.6414, 59.4820

Rectangle

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



33.7563, 25.6414, 34.6226



32.1310, 25.6414, 15.8566



16.9103, 25.6414, 22.1421



17.9739, 25.6414, 44.9295

Sweetspot

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



33.7571, 25.6426, 34.6231



80.1075, 77.5053, 90.1395



27.9456, 22.2408, 52.6895



16.9592, 16.2486, 19.0338



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.7571, 25.6426, 34.6231



56.7042, 39.4678, 55.3047



31.0206, 24.5480, 20.2131



10.2948, 10.1665, 11.6432



16.3274, 8.2207, 9.6363



0.7400, 0.3690, 0.5980

Inverse Universe

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



33.7571, 25.6426, 34.6231



56.7042, 39.4678, 55.3047



34.8778, 44.9125, 54.4647



10.2948, 10.1665, 11.6432



16.3274, 8.2207, 9.6363



0.7400, 0.3690, 0.5980

Previews

White Background



This preview shows how the XYZ color 33.7563, 25.6414, 34.6226 looks on a white background.

Color Contrast Check

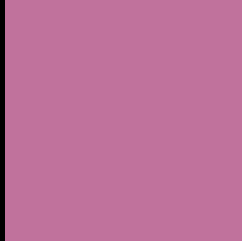
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7563, 25.6414, 34.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

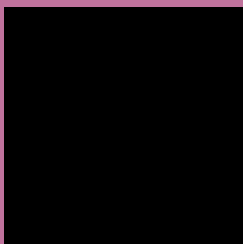
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.7563, 25.6414, 34.6226

Background



This preview shows how black text looks on a background with the XYZ color 33.7563, 25.6414, 34.6226.



This preview shows how white text looks on a background with the XYZ color 33.7563, 25.6414,

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

33.7563, 25.6414, 34.6226

Protanopia

25.8949, 25.9808, 42.6797

Deuteranopia

26.1855, 25.7059, 33.2874



Tritanopia

31.4794, 25.5710, 23.6986

Trichromacy



Original Color

33.7563, 25.6414, 34.6226

Protanomaly

27.8701, 25.2260, 39.4766

Deuteranomaly

28.4434, 25.2652, 33.5145

Tritanomaly

32.1839, 25.5047, 27.2714

Monochromacy



Original Color

33.7563, 25.6414, 34.6226

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.0149, 26.0827, 31.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7563, 25.6414, 34.6226 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(192, 114, 156)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 156)  
}
```

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(192, 114, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 156) }
```

Border

The CSS property to change the border of an element to XYZ 33.7563, 25.6414, 34.6226 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(192, 114, 156) }
```


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

```
.border{ border-color:rgb(192, 114, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 156);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7563, 25.6414, 34.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 156) }
```

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

```
.background{ background-color: rgb(192,  
114, 156) }
```

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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