

Converting Colors

XYZ(34.1523, 24.4905, 21.3213)

Have a look what the booklet for
XYZ(34.1523, 24.4905, 21.3213)
contains.

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Color

**XYZ(34.1953, 24.5712,
21.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	CF687A
RGB	207, 104, 122
RGB Percent	81%, 41%, 48%
CMY	0.1882, 0.5921, 0.5216
CMYK	0.00, 0.50, 0.41, 0.19
HSL	350°, 52%, 61%
HSV	350°, 50%, 81%
XYZ	34.1953, 24.5712, 21.3528
YIQ	136.8490, 55.6100, 27.4340

Conversions

Conversions Part 2

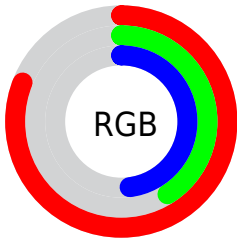
Format	Color
R_{YB}	207, 104, 122
Decimal	13592698
CIE _{Lab}	56.66, 42.45, 9.07
CIE _{LCh}	57, 43.404, 12.063
Yxy	24.5712, 0.4268, 0.3067
Android (android.graphics.Color)	4291782778 (0xFFCF687A)
YUV	136.8490, -7.3206, 61.5224
Hunter-Lab	49.5693, 36.3915, 9.1584

Details

The XYZ color **34.1953, 24.5712, 21.3528** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.2084, 51.2434, 56.0771**, and the grayscale version is **23.7337, 24.9697, 27.1920**.

A 20% lighter version of the original color is **61.1068, 48.7697, 46.2372**, and **14.8584, 9.3400, 7.4982** is the 20% darker color. If you saturate the color by 10%, you get **31.3944, 20.5171, 15.6479**, and if you desaturate by 10%, it is **37.6949, 29.7249, 28.2091**.

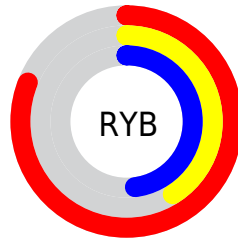
Distribution



Red (81%)

Green (41%)

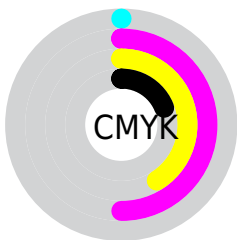
Blue (48%)



Red (81%)

Yellow (41%)

Blue (48%)

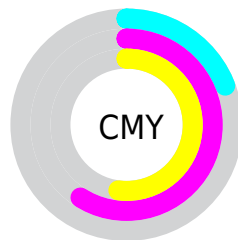


Cyan (0%)

Magenta (50%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (59%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1953, 24.5712, 21.3528 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 34.1953, 24.5712, 21.3528 by changing the saturation by 10% instead.


 34.1953, 24.5712,
21.3528


 34.1953, 24.5712,
21.3528

312.5726,
275.6957, 271.9899

 23.2073, 15.7579,
13.1884


 65.5795, 50.9607,
46.5623


 14.8682, 9.3530,
7.4261


 86.7065, 69.3057,
64.4445

 8.8126, 4.9721,
3.6475


 111.9437, 91.5967,
86.4031

 4.6753, 2.2309,
1.4341

 141.6567,
118.2181, 112.8565

 2.0908, 0.7368,
0.1681

176.2107,
149.5543, 144.2234

 0.6842, 0.0000,
0.0000

215.9711,

 0.0000, 0.0000,

185.9897, 180.9222

0.0000

261.3033,
227.9087, 223.3715

■ 34.1953, 24.5712,
21.3528

■ 34.1953, 24.5712,
21.3528

■ 31.3944, 20.5171,
15.6479

■ 37.6949, 29.7249,
28.2091

■ 29.2425, 17.4788,
11.0290

■ 41.9347, 36.0466,
36.2745

■ 27.6861, 15.3664,
7.4261


■ 46.9548, 43.6034,
45.6042


■ 26.6621, 14.0726,
4.7602


■ 52.7922, 52.4563,
56.2497


■ 26.0650, 13.4073,
2.9303

■ 59.4814, 62.6622,
68.2597

 26.0531, 13.3938,
2.8945

 67.0549, 74.2748,
81.6803

 75.5435, 87.3447,
96.5554

 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



33.8643, 24.5712, 36.2650



34.1953, 24.5712, 21.3528



31.3305, 24.5712, 12.1131

Triad

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



34.1953, 24.5712, 21.3528



17.4341, 24.5712, 10.9632



20.4895, 24.5712, 62.8920

Complementary

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



34.1953, 24.5712, 21.3528



37.2084, 51.2434, 56.0771

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.



16.8614, 24.5712, 50.0442



34.1953, 24.5712, 21.3528



15.2804, 24.5712, 19.0706

Square

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



34.1953, 24.5712, 21.3528



21.3831, 24.5712, 7.7323



15.0871, 24.5712, 32.9966



25.4428, 24.5712, 64.2052

Rectangle

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



34.1953, 24.5712, 21.3528



28.2053, 24.5712, 8.9384



15.0871, 24.5712, 32.9966



19.0939, 24.5712, 59.6107

Sweetspot

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



34.1959, 24.5725, 21.3533



79.3662, 76.1080, 80.6256



36.9815, 25.1132, 61.9296



16.5696, 15.6569, 16.4928



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.



34.1959, 24.5725, 21.3533



49.9360, 32.3406, 24.2858



37.1230, 32.0487, 17.3278



11.8918, 11.8415, 12.7063



16.4392, 8.4485, 1.9531



0.9455, 0.4829, 0.2481

Inverse Universe

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



34.1959, 24.5725, 21.3533



49.9360, 32.3406, 24.2858



32.1827, 37.8696, 64.6447



11.8918, 11.8415, 12.7063



16.4392, 8.4485, 1.9531



0.9455, 0.4829, 0.2481

Previews

White Background



This preview shows how the XYZ color 34.1953, 24.5712, 21.3528 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 34.1953, 24.5712, 21.3528 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 34.1953, 24.5712, 21.3528

Background



This preview shows how black text looks on a background with the XYZ color 34.1953, 24.5712, 21.3528.



This preview shows how white text looks on a background with the XYZ color 34.1953, 24.5712,

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

34.1953, 24.5712, 21.3528

Protanopia

23.9456, 24.8757, 27.9655

Deuteranopia

25.0375, 24.5849, 20.2554



Tritanopia

33.5883, 24.6221, 18.6050

Trichromacy



Original Color

34.1953, 24.5712, 21.3528

Protanomaly

26.5455, 23.8953, 25.4035

Deuteranomaly

27.8463, 24.1206, 20.6408

Tritanomaly

33.6576, 24.4859, 19.4753

Monochromacy



Original Color

34.1953, 24.5712, 21.3528

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.3988, 24.0146, 25.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1953, 24.5712, 21.3528 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(207, 104, 122)` looks like.

```
.text, #text, p{  
    color:rgb(207, 104, 122)  
}
```

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(207, 104, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 104, 122) }
```

Border

The CSS property to change the border of an element to XYZ 34.1953, 24.5712, 21.3528 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(207, 104, 122) }
```


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

```
.border{ border-color:rgb(207, 104, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 104, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 104, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 104, 122);  
box-shadow:4px 4px 4px 4px rgb(207, 104,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1953, 24.5712, 21.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 104, 122) }
```

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

```
.background{ background-color: rgb(207,  
104, 122) }
```

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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