

Converting Colors

XYZ(33.4390, 21.4778, 25.1823)

Have a look what the booklet for
XYZ(33.4390, 21.4778, 25.1823)
contains.

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Color

**XYZ(33.5559, 21.4998,
25.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	D05487
RGB	208, 84, 135
RGB Percent	82%, 33%, 53%
CMY	0.1843, 0.6706, 0.4706
CMYK	0.00, 0.60, 0.35, 0.18
HSL	335°, 57%, 57%
HSV	335°, 60%, 82%
XYZ	33.5559, 21.4998, 25.3030
YIQ	126.8900, 57.5330, 42.1490

Conversions

Conversions Part 2

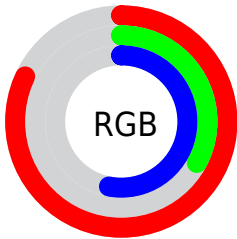
Format	Color
R_{YB}	208, 84, 135
Decimal	13653127
CIE _{Lab}	53.49, 53.85, -3.15
CIE _{LCh}	53, 53.940, 356.656
Yxy	21.4998, 0.4176, 0.2675
Android (android.graphics.Color)	4291843207 (0xFFD05487)
YUV	126.8900, 3.9982, 71.1335
Hunter-Lab	46.3679, 48.0346, 0.1029

Details

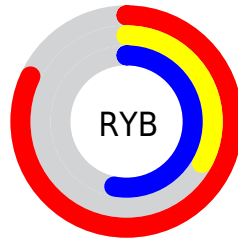
The XYZ color **33.5559, 21.4998, 25.3030** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **32.2990, 49.4314, 39.7400**, and the grayscale version is **20.1088, 21.1560, 23.0389**.

A 20% lighter version of the original color is **59.5497, 43.3561, 52.8069**, and **14.5440, 7.7932, 9.3320** is the 20% darker color. If you saturate the color by 10%, you get **31.3612, 18.4118, 20.5595**, and if you desaturate by 10%, it is **36.3302, 25.5881, 30.7294**.

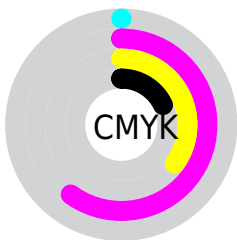
Distribution



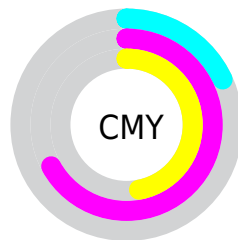
- Red (82%)
- Green (33%)
- Blue (53%)



- Red (82%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5559, 21.4998, 25.3030 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 33.5559, 21.4998, 25.3030 by changing the saturation by 10% instead.


 33.5559, 21.4998,
25.3030


 33.5559, 21.4998,
25.3030

309.7681,
259.9229, 292.8394


 22.7139, 13.4898,
16.0819

 64.5913, 45.9179,
53.1186


 14.5019, 7.7667,
9.4271


 85.5155, 63.0948,
72.5501

 8.5546, 3.9460,
4.9202


 110.5311, 84.0961,
96.2221

 4.5066, 1.6434,
2.1426

 140.0035,
109.3062, 124.5532

 1.9925, 0.3866,
0.6410

174.2981,
139.1096, 157.9620

 0.6298, 0.0000,
0.0000

213.7801,

 0.0000, 0.0000,

173.8905, 196.8669

0.0000

258.8150,
214.0335, 241.6865

■ 33.5559, 21.4998,
25.3030

■ 33.5559, 21.4998,
25.3030

■ 31.3612, 18.4118,
20.5595

■ 36.3302, 25.5881,
30.7294

■ 29.6972, 16.2318,
16.4655

■ 39.7239, 30.7516,
36.8672

■ 28.5089, 14.8556,
12.9854

■ 43.7754, 37.0619,
43.7443

■ 27.7016, 14.0996,
10.0693

■ 48.5191, 44.5832,
51.3866

■ 27.6737, 14.0744,
9.9658

■ 53.9871, 53.3753,
59.8186

■ 60.2093, 63.4937,
69.0636

■ 67.2140, 74.9906,
79.1439

■ 75.0278, 87.9156,
90.0808

■ 78.2863, 91.5354,
100.0982

Harmonies

Analogous

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



31.1143, 21.4998, 45.4440



33.5559, 21.4998, 25.3030



31.9745, 21.4998, 11.8973

Triad

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



33.5559, 21.4998, 25.3030



15.8715, 21.4998, 4.9972



14.9475, 21.4998, 61.0006

Complementary

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



33.5559, 21.4998, 25.3030



32.2990, 49.4314, 39.7400

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.



12.0712, 21.4998, 40.6515



33.5559, 21.4998, 25.3030



12.5303, 21.4998, 9.9765

Square

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



33.5559, 21.4998, 25.3030



21.0858, 21.4998, 3.9068



11.2765, 21.4998, 21.6131



19.7976, 21.4998, 71.2836

Rectangle

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



33.5559, 21.4998, 25.3030



28.9876, 21.4998, 7.1229



11.2765, 21.4998, 21.6131



13.7554, 21.4998, 54.7525

Sweetspot

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



33.5565, 21.5009, 25.3034



78.0654, 72.5102, 83.2634



28.3315, 17.9973, 61.6551



16.2001, 14.7071, 17.0198



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.



33.5565, 21.5009, 25.3034



48.7780, 27.9212, 30.3843



31.6459, 22.1161, 10.9899



12.0074, 11.8877, 13.3149



17.2933, 8.7902, 6.4506



1.0060, 0.5071, 0.5662

Inverse Universe

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



33.5565, 21.5009, 25.3034



48.7780, 27.9212, 30.3843



35.1600, 46.6754, 66.8306



12.0074, 11.8877, 13.3149



17.2933, 8.7902, 6.4506



1.0060, 0.5071, 0.5662

Previews

White Background



This preview shows how the XYZ color 33.5559, 21.4998, 25.3030 looks on a white background.

Color Contrast Check

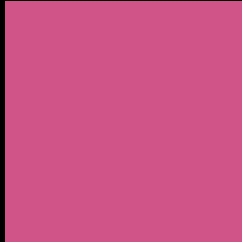
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5559, 21.4998, 25.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

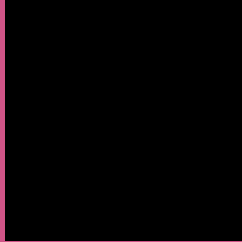
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5559, 21.4998, 25.3030

Background



This preview shows how black text looks on a background with the XYZ color 33.5559, 21.4998, 25.3030.



This preview shows how white text looks on a background with the XYZ color 33.5559, 21.4998,

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

33.5559, 21.4998, 25.3030

Protanopia

21.8567, 21.7804, 37.2345

Deuteranopia

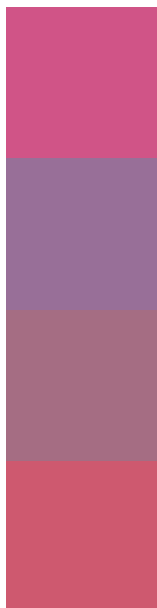
21.9853, 21.5757, 23.7747



Tritanopia

31.2086, 21.5153, 14.0633

Trichromacy



Original Color

33.5559, 21.4998, 25.3030

Protanomaly

24.3008, 20.3113, 32.3454

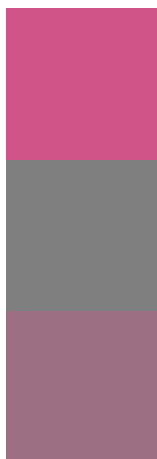
Deuteranomaly

25.0824, 20.5753, 24.1222

Tritanomaly

31.8952, 21.4143, 17.4912

Monochromacy



Original Color

33.5559, 21.4998, 25.3030

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.4240, 20.0485, 23.7543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5559, 21.4998, 25.3030 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(208, 84, 135)` looks like.

```
.text, #text, p{  
    color:rgb(208, 84, 135)  
}
```

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(208, 84, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 84, 135) }
```

Border

The CSS property to change the border of an element to XYZ 33.5559, 21.4998, 25.3030 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(208, 84, 135) }
```


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

```
.border{ border-color:rgb(208, 84, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 84, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 84, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 84, 135);  
box-shadow:4px 4px 4px 4px rgb(208, 84,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5559, 21.4998, 25.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 84, 135) }
```

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

```
.background{ background-color: rgb(208, 84,  
135) }
```

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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