

Converting Colors

XYZ(34.8061, 24.1317, 22.5621)

Have a look what the booklet for
XYZ(34.8061, 24.1317, 22.5621)
contains.

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Color

**XYZ(34.8061, 24.1317,
22.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	D2637E
RGB	210, 99, 126
RGB Percent	82%, 39%, 49%
CMY	0.1765, 0.6117, 0.5059
CMYK	0.00, 0.53, 0.40, 0.18
HSL	345°, 55%, 61%
HSV	345°, 53%, 82%
XYZ	34.8061, 24.1317, 22.5621
YIQ	135.2670, 57.4890, 31.9290

Conversions

Conversions Part 2

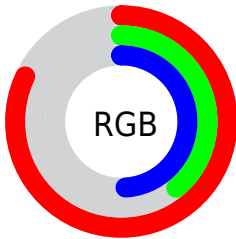
Format	Color
R_{YB}	210, 99, 126
Decimal	13788030
CIE _{Lab}	56.22, 46.43, 6.17
CIE _{LCh}	56, 46.836, 7.565
Yxy	24.1317, 0.4271, 0.2961
Android (android.graphics.Color)	4291978110 (0xFFD2637E)
YUV	135.2670, -4.5686, 65.5408
Hunter-Lab	49.1240, 40.5065, 7.1556

Details

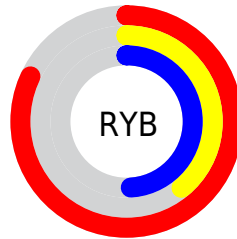
The XYZ color **34.8061, 24.1317, 22.5621** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.7407, 52.1653, 52.9354**, and the grayscale version is **23.1306, 24.3352, 26.5010**.

A 20% lighter version of the original color is **60.7679, 47.2971, 48.5743**, and **15.2654, 9.1652, 7.9857** is the 20% darker color. If you saturate the color by 10%, you get **32.1236, 20.2795, 17.0040**, and if you desaturate by 10%, it is **38.1701, 29.0860, 29.1516**.

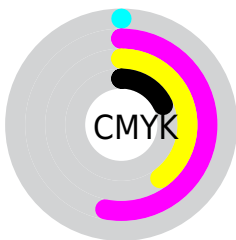
Distribution



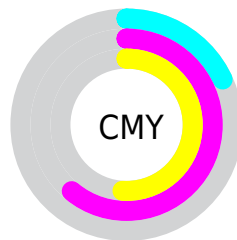
- Red (82%)
- Green (39%)
- Blue (49%)



- Red (82%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8061, 24.1317, 22.5621 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 34.8061, 24.1317, 22.5621 by changing the saturation by 10% instead.


 34.8061, 24.1317,
22.5621


 34.8061, 24.1317,
22.5621


315.2347,
273.4856, 278.5165


 23.6794, 15.4313,
14.0683


 66.5213, 50.2450,
48.5873


 15.2194, 9.1227,
8.0289


 87.8404, 68.4268,
66.9558

 9.0608, 4.8213,
4.0254


 113.2878, 90.5378,
89.4529

 4.8383, 2.1428,
1.6393

 143.2287,
116.9625, 116.4971

 2.1865, 0.6885,
0.3186

178.0284,
148.0852, 148.5070

 0.7356, 0.0000,
0.0000

218.0524,

 0.0000, 0.0000,

184.2904, 185.9012

0.0000

263.6661,
225.9624, 229.0982

■ 34.8061, 24.1317,
22.5621

■ 34.8061, 24.1317,
22.5621

■ 32.1236, 20.2795,
17.0040

■ 38.1701, 29.0860,
29.1516

■ 30.0718, 17.4406,
12.4218

■ 42.2573, 35.2146,
36.8212

■ 28.5962, 15.5185,
8.7567

■ 47.1085, 42.5881,
45.6179

■ 27.6306, 14.3960,
5.9420

■ 52.7607, 51.2703,
55.5854

■ 27.1775, 13.9413,
4.3989

■ 59.2483, 61.3207,
66.7652

■ 66.6041, 72.7951,
79.1967

■ 74.8587, 85.7462,
92.9173

■ 80.0906, 92.3226,
106.6462

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



33.8983, 24.1317, 39.2931



34.8061, 24.1317, 22.5621



32.1605, 24.1317, 12.0273

Triad

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



34.8061, 24.1317, 22.5621



17.1860, 24.1317, 9.0838



19.2079, 24.1317, 64.3139

Complementary

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



34.8061, 24.1317, 22.5621



36.7407, 52.1653, 52.9354

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.



15.6698, 24.1317, 48.8138



34.8061, 24.1317, 22.5621



14.6362, 24.1317, 16.5063

Square

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



34.8061, 24.1317, 22.5621



21.6004, 24.1317, 6.4806



14.1282, 24.1317, 30.3751



24.3266, 24.1317, 67.9890

Rectangle

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



34.8061, 24.1317, 22.5621



28.9494, 24.1317, 8.3545



14.1282, 24.1317, 30.3751



17.8197, 24.1317, 60.0851

Sweetspot

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



34.8067, 24.1329, 22.5625



78.8084, 74.8429, 80.9008



35.4462, 23.5538, 63.6509



16.4740, 15.4135, 16.6219



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.



34.8067, 24.1329, 22.5625



49.5367, 31.0329, 25.7222



36.3885, 29.7181, 15.6243



11.9249, 11.8547, 12.8806



16.6114, 8.5174, 2.8601



0.9609, 0.4891, 0.3287

Inverse Universe

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



34.8067, 24.1329, 22.5625



49.5367, 31.0329, 25.7222



33.5587, 40.8652, 67.0918



11.9249, 11.8547, 12.8806



16.6114, 8.5174, 2.8601



0.9609, 0.4891, 0.3287

Previews

White Background



This preview shows how the XYZ color 34.8061, 24.1317, 22.5621 looks on a white background.

Color Contrast Check

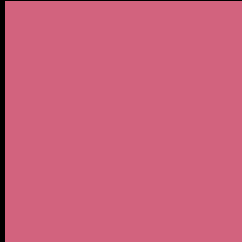
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8061, 24.1317, 22.5621 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 34.8061, 24.1317, 22.5621

Background



This preview shows how black text looks on a background with the XYZ color 34.8061, 24.1317, 22.5621.



This preview shows how white text looks on a background with the XYZ color 34.8061, 24.1317,

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

34.8061, 24.1317, 22.5621

Protanopia

23.7051, 24.2764, 30.6306

Deuteranopia

24.7602, 24.2158, 21.4583



Tritanopia

33.8062, 24.1622, 17.3500

Trichromacy



Original Color

34.8061, 24.1317, 22.5621

Protanomaly

26.3979, 23.2202, 27.5167

Deuteranomaly

27.6275, 23.6224, 21.8423

Tritanomaly

34.0427, 24.1005, 19.0773

Monochromacy



Original Color

34.8061, 24.1317, 22.5621

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.0247, 23.2664, 24.9490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8061, 24.1317, 22.5621 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(210, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(210, 99, 126)  
}
```

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(210, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 99, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.8061, 24.1317, 22.5621 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(210, 99, 126) }
```


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

```
.border{ border-color:rgb(210, 99, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 99, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(210, 99,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8061, 24.1317, 22.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 99, 126) }
```

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

```
.background{ background-color: rgb(210, 99,  
126) }
```

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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