

Converting Colors

XYZ(34.9232, 22.7091, 13.5187)

Have a look what the booklet for
XYZ(34.9232, 22.7091, 13.5187)
contains.

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Color

**XYZ(34.9543, 22.7157,
13.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5660
RGB	220, 86, 96
RGB Percent	86%, 34%, 38%
CMY	0.1373, 0.6627, 0.6235
CMYK	0.00, 0.61, 0.56, 0.14
HSL	356°, 66%, 60%
HSV	356°, 61%, 86%
XYZ	34.9543, 22.7157, 13.6086
YIQ	127.2060, 76.6540, 31.5180

Conversions

Conversions Part 2

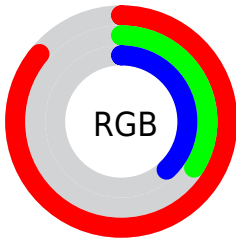
Format	Color
RYB	220, 86, 96
Decimal	14440032
CIELab	54.78, 53.15, 22.04
CIElCh	55, 57.535, 22.520
Yxy	22.7157, 0.4904, 0.3187
Android (android.graphics.Color)	4292630112 (0xFFDC5660)
YUV	127.2060, -15.3846, 81.3803
Hunter-Lab	47.6610, 47.5042, 16.4337

Details

The XYZ color **34.9543, 22.7157, 13.6086** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **41.0653, 57.8185, 69.9729**, and the grayscale version is **20.2773, 21.3333, 23.2319**.

A 20% lighter version of the original color is **55.9532, 42.3851, 32.4262**, and **15.2657, 8.3851, 3.8315** is the 20% darker color. If you saturate the color by 10%, you get **32.6410, 19.4001, 8.7965**, and if you desaturate by 10%, it is **38.0518, 27.2117, 19.8798**.

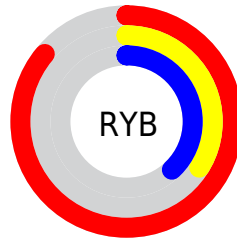
Distribution



Red (86%)

Green (34%)

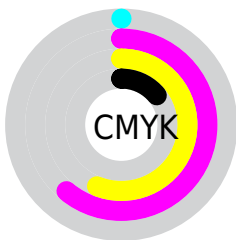
Blue (38%)



Red (86%)

Yellow (34%)

Blue (38%)

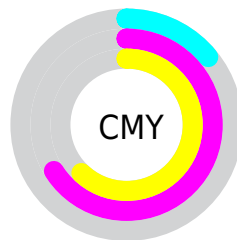


Cyan (0%)

Magenta (61%)

Yellow (56%)

Black (14%)



Cyan (14%)


Magenta (66%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9543, 22.7157, 13.6086 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 34.9543, 22.7157, 13.6086 by changing the saturation by 10% instead.


 34.9543, 22.7157,
13.6086


 34.9543, 22.7157,
13.6086


315.8781,
266.2614, 226.1252


 23.7940, 14.3837,
7.7133


 66.7495, 47.9261,
33.1000

 15.3048, 8.3880,
3.8269


 88.1150, 65.5733,
47.5332

 9.1213, 4.3442,
1.5309


 113.6131, 87.0943,
65.6494

 4.8781, 1.8679,
0.2408

 143.6090,
112.8737, 87.8672

 2.2100, 0.5290,
0.0000

178.4681,
143.2956, 114.6052

 0.7480, 0.0000,
0.0000

218.5558,

 0.0000, 0.0000,

178.7446, 146.2818

0.0000

264.2373,
219.6051, 183.3157

■ 34.9543, 22.7157,
13.6086

■ 34.9543, 22.7157,
13.6086

■ 32.6410, 19.4001,
8.7965

■ 38.0518, 27.2117,
19.8798

■ 31.0397, 17.1506,
5.3244

■ 41.9940, 32.9810,
27.7141

■ 30.0676, 15.8371,
3.0562

■ 46.8371, 40.1116,
37.2071

■ 29.6117, 15.2542,
1.8900

■ 52.6321, 48.6825,
48.4467

■ 59.4264, 58.7667,
61.5144

■ 67.2638, 70.4325,
76.4865

■ 76.1859, 83.7436,
93.4352

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



36.1077, 22.7157, 29.5731



34.9543, 22.7157, 13.6086



29.9090, 22.7157, 6.0633

Triad

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



34.9543, 22.7157, 13.6086



13.2754, 22.7157, 8.9694



20.0391, 22.7157, 78.1602

Complementary

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



34.9543, 22.7157, 13.6086



41.0653, 57.8185, 69.9729

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.



14.9781, 22.7157, 64.1775



34.9543, 22.7157, 13.6086



11.6028, 22.7157, 20.4530

Square

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



34.9543, 22.7157, 13.6086



17.2419, 22.7157, 4.4486



12.1584, 22.7157, 40.6975



26.6151, 22.7157, 73.1671

Rectangle

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



34.9543, 22.7157, 13.6086



25.4715, 22.7157, 4.1218



12.1584, 22.7157, 40.6975



18.1253, 22.7157, 75.3566

Sweetspot

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



34.9549, 22.7170, 13.6090



76.0148, 71.6899, 72.4650



42.4941, 25.3552, 70.3642



15.7073, 14.5099, 14.4244



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.



34.9549, 22.7170, 13.6090



44.9099, 26.1182, 10.8039



40.8440, 35.1854, 13.4445



13.0952, 13.0672, 13.7628



17.3944, 8.9588, 1.1909



1.1410, 0.5860, 0.1513

Inverse Universe

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



34.9549, 22.7170, 13.6090



44.9099, 26.1182, 10.8039



30.0625, 33.7578, 72.6413



13.0952, 13.0672, 13.7628



17.3944, 8.9588, 1.1909



1.1410, 0.5860, 0.1513

Previews

White Background



This preview shows how the XYZ color 34.9543, 22.7157, 13.6086 looks on a white background.

Color Contrast Check

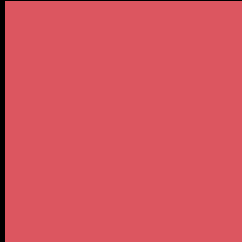
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9543, 22.7157, 13.6086 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 34.9543, 22.7157, 13.6086

Background



This preview shows how black text looks on a background with the XYZ color 34.9543, 22.7157, 13.6086.



This preview shows how white text looks on a background with the XYZ color 34.9543, 22.7157,

13.6086.

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

34.9543, 22.7157, 13.6086

Protanopia

21.6437, 22.8353, 20.0965

Deuteranopia

23.2109, 22.8280, 12.8558



Tritanopia

34.8552, 22.8047, 12.6899

Trichromacy



Original Color

34.9543, 22.7157, 13.6086

Protanomaly

24.8274, 21.5811, 17.3250

Deuteranomaly

26.4386, 21.8449, 12.9482

Tritanomaly

34.8992, 22.8223, 12.9217

Monochromacy



Original Color

34.9543, 22.7157, 13.6086

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.6445, 20.4264, 19.2195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9543, 22.7157, 13.6086 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(220, 86, 96)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 96)  
}
```

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(220, 86, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 96) }
```

Border

The CSS property to change the border of an element to XYZ 34.9543, 22.7157, 13.6086 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(220, 86, 96) }
```


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

```
.border{ border-color:rgb(220, 86, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 86, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 96);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9543, 22.7157, 13.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 96) }
```

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

```
.background{ background-color: rgb(220, 86,  
96) }
```

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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