

Converting Colors

XYZ(34.2466, 21.9384, 11.4426)

Have a look what the booklet for
XYZ(34.2466, 21.9384, 11.4426)
contains.

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Color

**XYZ(34.2528, 21.9384,
11.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5257
RGB	220, 82, 87
RGB Percent	86%, 32%, 34%
CMY	0.1373, 0.6784, 0.6588
CMYK	0.00, 0.63, 0.60, 0.14
HSL	358°, 66%, 59%
HSV	358°, 63%, 86%
XYZ	34.2528, 21.9384, 11.4460
YIQ	123.8320, 80.6430, 30.8110

Conversions

Conversions Part 2

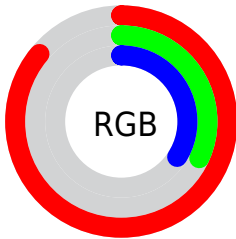
Format	Color
R _Y B	220, 82, 87
Decimal	14438999
CIE Lab	53.96, 54.26, 26.23
CIE LCh	54, 60.264, 25.804
Yxy	21.9384, 0.5064, 0.3244
Android (android.graphics.Color)	4292629079 (0xFFDC5257)
YUV	123.8320, -18.1582, 84.3393
Hunter-Lab	46.8384, 48.5692, 18.2981

Details

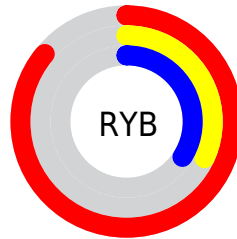
The XYZ color **34.2528, 21.9384, 11.4460** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41.3403, 57.8871, 73.2898**, and the grayscale version is **19.1430, 20.1399, 21.9324**.

A 20% lighter version of the original color is **54.7010, 40.9575, 28.6894**, and **14.9489, 8.0038, 2.9475** is the 20% darker color. If you saturate the color by 10%, you get **32.1087, 18.8392, 7.0668**, and if you desaturate by 10%, it is **37.1839, 26.2051, 17.3428**.

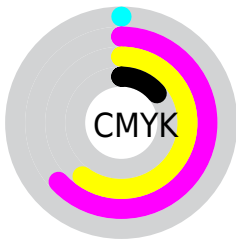
Distribution



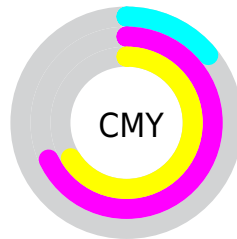
- Red (86%)
- Green (32%)
- Blue (34%)



- Red (86%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (63%)
- Yellow (60%)
- Black (14%)





- Cyan (14%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2528, 21.9384, 11.4460 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 34.2528, 21.9384, 11.4460 by changing the saturation by 10% instead.


 34.2528, 21.9384,
11.4460


 34.2528, 21.9384,
11.4460


312.8239,
262.2244, 211.5484


 23.2517, 13.8116,
6.2497


 65.6683, 46.6442,
29.1312


 14.9012, 7.9898,
2.9263


 86.8134, 63.9920,
42.4571


 8.8359, 4.0884,
1.0571


 112.0705, 85.1822,
59.3301

 4.6906, 1.7231,
0.0000

 141.8050,
110.5994, 80.1685

 2.0998, 0.4386,
0.0000

 176.3822,
140.6278, 105.3911

 0.6891, 0.0000,
0.0000

216.1675,

 0.0000, 0.0000,

175.6518, 135.4162

0.0000

261.5263,
216.0559, 170.6625

■ 34.2528, 21.9384,
11.4460

■ 34.2528, 21.9384,
11.4460

■ 32.1087, 18.8392,
7.0668

■ 37.1839, 26.2051,
17.3428

■ 30.6743, 16.7887,
4.0655

■ 40.9667, 31.7354,
24.8780

■ 29.8590, 15.6498,
2.2781

■ 45.6608, 38.6199,
34.1614

■ 29.5586, 15.2330,
1.6109

■ 51.3202, 46.9398,
45.2931

■ 57.9946, 56.7699,
58.3655

■ 65.7302, 68.1796,
73.4650

■ 74.5705, 81.2344,
90.6725

■ 83.3250, 93.9556,
108.3513

Harmonies

Analogous

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



35.9695, 21.9384, 26.6035



34.2528, 21.9384, 11.4460



28.6964, 21.9384, 4.8256

Triad

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



34.2528, 21.9384, 11.4460



12.1267, 21.9384, 8.8866



19.9505, 21.9384, 80.3403

Complementary

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



34.2528, 21.9384, 11.4460



41.3403, 57.8871, 73.2898

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.



14.5854, 21.9384, 67.4232



34.2528, 21.9384, 11.4460



10.7039, 21.9384, 21.3624

Square

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



34.2528, 21.9384, 11.4460



15.8697, 21.9384, 3.9788



11.5006, 21.9384, 43.1071



26.7807, 21.9384, 72.7913

Rectangle

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



34.2528, 21.9384, 11.4460



24.0702, 21.9384, 3.2751



11.5006, 21.9384, 43.1071



17.9339, 21.9384, 78.1222

Sweetspot

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



34.2533, 21.9396, 11.4464



74.8664, 70.2369, 69.4811



43.4057, 25.3643, 70.3178



15.4746, 14.2240, 13.7935



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.



34.2533, 21.9396, 11.4464



44.1860, 25.3493, 8.4696



41.0275, 35.8031, 12.7328



13.0750, 13.0591, 13.6564



17.3565, 8.9437, 0.9916



1.1313, 0.5822, 0.1004

Inverse Universe

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



34.2533, 21.9396, 11.4464



44.1860, 25.3493, 8.4696



28.6091, 31.3824, 72.2593



13.0750, 13.0591, 13.6564



17.3565, 8.9437, 0.9916



1.1313, 0.5822, 0.1004

Previews

White Background



This preview shows how the XYZ color 34.2528, 21.9384, 11.4460 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 34.2528, 21.9384, 11.4460 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 34.2528, 21.9384, 11.4460

Background



This preview shows how black text looks on a background with the XYZ color 34.2528, 21.9384, 11.4460.



This preview shows how white text looks on a background with the XYZ color 34.2528, 21.9384,

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

34.2528, 21.9384, 11.4460

Protanopia

20.8206, 22.0804, 17.0745

Deuteranopia

22.5602, 22.1626, 10.6782



Tritanopia

34.2528, 21.9384, 11.4460

Trichromacy



Original Color

34.2528, 21.9384, 11.4460

Protanomaly

24.0308, 20.7239, 14.7902

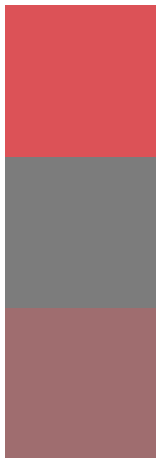
Deuteranomaly

25.8524, 21.2651, 10.9256

Tritanomaly

34.2528, 21.9384, 11.4460

Monochromacy



Original Color

34.2528, 21.9384, 11.4460

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.6360, 19.4559, 17.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2528, 21.9384, 11.4460 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, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(220, 82, 87)  
}
```

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, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 82, 87) }
```

Border

The CSS property to change the border of an element to XYZ 34.2528, 21.9384, 11.4460 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, 82, 87) }
```


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

```
.border{ border-color:rgb(220, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(220, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(220, 82,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2528, 21.9384, 11.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 82, 87) }
```

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

```
.background{ background-color: rgb(220, 82,  
87) }
```

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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