

Converting Colors

XYZ(34.2063, 22.6061, 12.0117)

Have a look what the booklet for
XYZ(34.2063, 22.6061, 12.0117)
contains.

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Color

**XYZ(34.2063, 22.6061,
12.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5859
RGB	218, 88, 89
RGB Percent	85%, 35%, 35%
CMY	0.1451, 0.6549, 0.6510
CMYK	0.00, 0.60, 0.59, 0.15
HSL	360°, 64%, 60%
HSV	360°, 60%, 85%
XYZ	34.2063, 22.6061, 12.0117
YIQ	126.9840, 77.1590, 27.8710

Conversions

Conversions Part 2

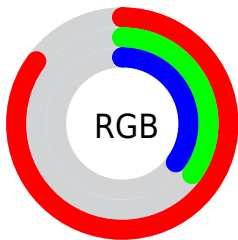
Format	Color
R_{YB}	218, 88, 89
Decimal	14309465
CIE _{Lab}	54.66, 51.07, 25.91
CIE _{LCh}	55, 57.264, 26.907
Yxy	22.6061, 0.4970, 0.3285
Android (android.graphics.Color)	4292499545 (0xFFDA5859)
YUV	126.9840, -18.7261, 79.8210
Hunter-Lab	47.5459, 45.2144, 18.3034

Details

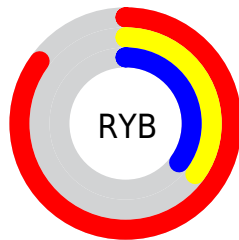
The XYZ color **34.2063, 22.6061, 12.0117** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41.6218, 57.2277, 74.5025**, and the grayscale version is **20.2119, 21.2645, 23.1570**.

A 20% lighter version of the original color is **55.5732, 42.4701, 29.6946**, and **14.8307, 8.3225, 3.1102** is the 20% darker color. If you saturate the color by 10%, you get **31.8978, 19.2358, 7.3998**, and if you desaturate by 10%, it is **37.3176, 27.1554, 18.2082**.

Distribution



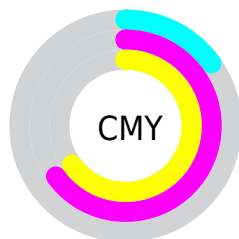
- Red (85%)
- Green (35%)
- Blue (35%)



- Red (85%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2063, 22.6061, 12.0117 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 34.2063, 22.6061, 12.0117 by changing the saturation by 10% instead.

 34.2063, 22.6061,
12.0117


 34.2063, 22.6061,
12.0117


312.6207,
265.6953, 215.4634


 23.2158, 14.3029,
6.6290


 65.5965, 47.7457,
30.1811

 14.8745, 8.3317,
3.1563


 86.7269, 65.3510,
43.8049


 8.8171, 4.3079,
1.1750


 111.9680, 86.8257,
61.0129

 4.6782, 1.8472,
0.0000

 141.6851,
112.5543, 82.2235

 2.0925, 0.5164,
0.0000

 176.2435,
142.9212, 107.8553

 0.6851, 0.0000,
0.0000

216.0087,

 0.0000, 0.0000,

178.3107, 138.3269

0.0000

261.3460,
219.1073, 174.0567

■ 34.2063, 22.6061,
12.0117

■ 34.2063, 22.6061,
12.0117

■ 31.8978, 19.2358,
7.3998

■ 37.3176, 27.1554,
18.2082

■ 30.3171, 16.9324,
4.2277

■ 41.2946, 32.9749,
26.1142

■ 29.3779, 15.5690,
2.3264

■ 46.1958, 40.1513,
35.8438

■ 28.9356, 14.9283,
1.4272

■ 52.0742, 48.7623,
47.5006

■ 28.9224, 14.9090,
1.4012

■ 58.9785, 58.8802,
61.1807

■ 66.9546, 70.5720,
76.9736

■ 76.0454, 83.9009,
94.9636

■ 82.7233, 93.6453,
108.3231

Harmonies

Analogous

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



36.0014, 22.6061, 26.5349



34.2063, 22.6061, 12.0117



28.8058, 22.6061, 5.4840

Triad

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



34.2063, 22.6061, 12.0117



12.8487, 22.6061, 10.1112



20.8391, 22.6061, 78.0809

Complementary

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



34.2063, 22.6061, 12.0117



41.6218, 57.2277, 74.5025

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.



15.5255, 22.6061, 66.6439



34.2063, 22.6061, 12.0117



11.5149, 22.6061, 22.7885

Square

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



34.2063, 22.6061, 12.0117



16.4556, 22.6061, 4.8241



12.3901, 22.6061, 43.8982



27.4505, 22.6061, 70.3487

Rectangle

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



34.2063, 22.6061, 12.0117



24.3503, 22.6061, 3.9235



12.3901, 22.6061, 43.8982



18.8564, 22.6061, 76.2565

Sweetspot

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



34.2068, 22.6074, 12.0121



75.6295, 71.5358, 70.4362



44.4148, 26.6162, 69.1258



15.6157, 14.4733, 13.9422



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.



34.2068, 22.6074, 12.0121



44.7148, 26.2959, 8.9879



41.7155, 37.6909, 14.3106



13.0601, 13.0531, 13.5777



17.3294, 8.9328, 0.8489



1.1241, 0.5793, 0.0626

Inverse Universe

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



34.2068, 22.6074, 12.0121



44.7148, 26.2959, 8.9879



28.4297, 30.6364, 70.7443



13.0601, 13.0531, 13.5777



17.3294, 8.9328, 0.8489



1.1241, 0.5793, 0.0626

Previews

White Background



This preview shows how the XYZ color 34.2063, 22.6061, 12.0117 looks on a white background.

Color Contrast Check

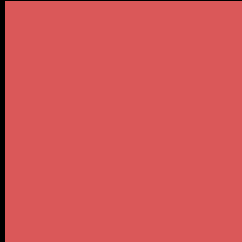
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2063, 22.6061, 12.0117 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 34.2063, 22.6061, 12.0117

Background



This preview shows how black text looks on a background with the XYZ color 34.2063, 22.6061, 12.0117.



This preview shows how white text looks on a background with the XYZ color 34.2063, 22.6061,

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

34.2063, 22.6061, 12.0117

Protanopia

21.4705, 22.8043, 17.4574

Deuteranopia

22.9955, 22.5609, 11.3263



Tritanopia

34.2974, 22.5121, 12.8935

Trichromacy



Original Color

34.2063, 22.6061, 12.0117

Protanomaly

24.6281, 21.5259, 15.1688

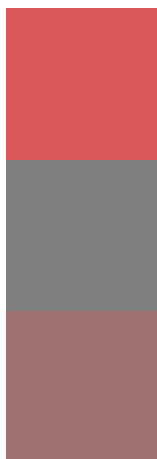
Deuteranomaly

26.2563, 21.9475, 11.4468

Tritanomaly

34.2534, 22.4945, 12.6617

Monochromacy



Original Color

34.2063, 22.6061, 12.0117

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.3830, 20.4761, 18.3426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2063, 22.6061, 12.0117 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(218, 88, 89)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 89)  
}
```

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(218, 88, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 89) }
```

Border

The CSS property to change the border of an element to XYZ 34.2063, 22.6061, 12.0117 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(218, 88, 89) }
```


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

```
.border{ border-color:rgb(218, 88, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 89);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2063, 22.6061, 12.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 89) }
```

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

```
.background{ background-color: rgb(218, 88,  
89) }
```

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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