

Converting Colors

XYZ(33.9512, 22.7359, 11.4031)

Have a look what the booklet for
XYZ(33.9512, 22.7359, 11.4031)
contains.

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Color

**XYZ(33.9512, 22.7359,
11.4031)**

Conversions

Conversions Part 1

Format	Color
Hex	D95A56
RGB	217, 90, 86
RGB Percent	85%, 35%, 34%
CMY	0.1490, 0.6470, 0.6627
CMYK	0.00, 0.59, 0.60, 0.15
HSL	2°, 63%, 59%
HSV	2°, 60%, 85%
XYZ	33.9512, 22.7359, 11.4031
YIQ	127.5170, 76.9760, 25.6800

Conversions

Conversions Part 2

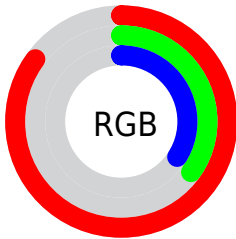
Format	Color
RYB	217, 90, 86
Decimal	14244438
CIELab	54.80, 49.60, 27.80
CIELCh	55, 56.855, 29.267
Yxy	22.7359, 0.4986, 0.3339
Android (android.graphics.Color)	4292434518 (0xFFD95A56)
YUV	127.5170, -20.4679, 78.4766
Hunter-Lab	47.6822, 43.6538, 19.1984

Details

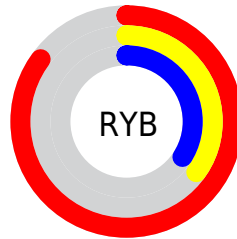
The XYZ color **33.9512, 22.7359, 11.4031** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **40.1547, 54.5732, 74.0628**, and the grayscale version is **20.4014, 21.4638, 23.3741**.

A 20% lighter version of the original color is **55.6572, 42.9841, 28.6559**, and **14.6826, 8.3721, 2.9399** is the 20% darker color. If you saturate the color by 10%, you get **31.6756, 19.3780, 6.9663**, and if you desaturate by 10%, it is **36.9953, 27.2064, 17.4055**.

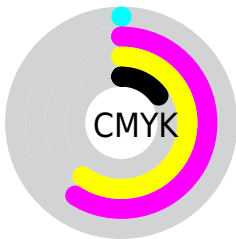
Distribution



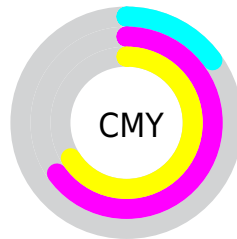
- Red (85%)
- Green (35%)
- Blue (34%)



- Red (85%)
- Yellow (35%)
- Blue (34%)



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





- Cyan (15%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9512, 22.7359, 11.4031 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 33.9512, 22.7359, 11.4031 by changing the saturation by 10% instead.

 33.9512, 22.7359,
11.4031


 33.9512, 22.7359,
11.4031


311.5041,
266.3656, 211.2483


 23.0188, 14.3986,
6.2211


 65.2026, 47.9593,
29.0512


 14.7282, 8.3984,
2.9090


 86.2523, 65.6142,
42.3543


 8.7139, 4.3509,
1.0484


 111.4051, 87.1438,
59.2015

 4.6107, 1.8717,
0.0000

 141.0265,
112.9325, 80.0114

 2.0531, 0.5313,
0.0000

 175.4817,
143.3646, 105.2025

 0.6635, 0.0000,
0.0000

215.1362,

 0.0000, 0.0000,

178.8245, 135.1933

0.0000

260.3552,
219.6968, 170.4024

■ 33.9512, 22.7359,
11.4031

■ 33.9512, 22.7359,
11.4031

■ 31.6756, 19.3780,
6.9663

■ 36.9953, 27.2064,
17.4055

■ 30.0983, 17.0318,
3.9484

■ 40.8665, 32.8715,
25.0997

■ 29.1393, 15.5847,
2.1770

■ 45.6196, 39.8098,
34.6007

■ 28.6873, 14.8958,
1.3632

■ 51.3043, 48.0921,
46.0127

■ 57.9666, 57.7841,
59.4324

■ 65.6494, 68.9470,
74.9498

■ 74.3931, 81.6386,
92.6492

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



36.0764, 22.7359, 25.2005



33.9512, 22.7359, 11.4031



28.3884, 22.7359, 5.3378

Triad

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



33.9512, 22.7359, 11.4031



12.8018, 22.7359, 10.9522



21.4557, 22.7359, 77.9524

Complementary

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



33.9512, 22.7359, 11.4031



40.1547, 54.5732, 74.0628

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.



16.0065, 22.7359, 67.9803



33.9512, 22.7359, 11.4031



11.6429, 22.7359, 24.3158

Square

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



33.9512, 22.7359, 11.4031



16.2265, 22.7359, 5.1803



12.6931, 22.7359, 45.8093



28.0687, 22.7359, 68.8514

Rectangle

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



33.9512, 22.7359, 11.4031



23.9380, 22.7359, 3.9500



12.6931, 22.7359, 45.8093



19.4377, 22.7359, 76.6656

Sweetspot

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



33.9517, 22.7372, 11.4035



75.9322, 72.2108, 70.3226



44.1852, 26.3042, 66.9148



15.6875, 14.6335, 13.9152



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.



33.9517, 22.7372, 11.4035



45.0452, 27.0300, 8.8719



41.7984, 38.4305, 14.0190



13.0878, 13.1150, 13.5672



17.3797, 9.0450, 0.8299



1.1375, 0.6090, 0.0576

Inverse Universe

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



40.1547, 54.5732, 74.0628



54.6726, 76.5640, 106.5045



27.1598, 28.5835, 69.7312



13.4090, 14.7576, 16.7939



21.6020, 31.0735, 44.5976



1.4104, 2.0350, 2.8929

Previews

White Background



This preview shows how the XYZ color 33.9512, 22.7359, 11.4031 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 33.9512, 22.7359, 11.4031 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 33.9512, 22.7359, 11.4031

Background



This preview shows how black text looks on a background with the XYZ color 33.9512, 22.7359, 11.4031.



This preview shows how white text looks on a background with the XYZ color 33.9512, 22.7359,

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

33.9512, 22.7359, 11.4031

Protanopia

21.3797, 22.7873, 16.1035

Deuteranopia

23.4060, 22.9745, 10.7903



Tritanopia

34.2080, 22.7046, 13.1691

Trichromacy



Original Color

33.9512, 22.7359, 11.4031

Protanomaly

24.5515, 21.6787, 14.1997

Deuteranomaly

26.4842, 22.2432, 10.8801

Tritanomaly

34.0760, 22.6518, 12.4738

Monochromacy



Original Color

33.9512, 22.7359, 11.4031

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.4952, 20.7005, 18.3800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9512, 22.7359, 11.4031 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(217, 90, 86)` looks like.

```
.text, #text, p{  
    color:rgb(217, 90, 86)  
}
```

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(217, 90, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 90, 86) }
```

Border

The CSS property to change the border of an element to XYZ 33.9512, 22.7359, 11.4031 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(217, 90, 86) }
```


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

```
.border{ border-color:rgb(217, 90, 86) }
```

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

Here you see how a box with a 4 pixel rgb(217, 90, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 90, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 90, 86);  
box-shadow:4px 4px 4px 4px rgb(217, 90,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9512, 22.7359, 11.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 90, 86) }
```

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

```
.background{ background-color: rgb(217, 90,  
86) }
```

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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