

Converting Colors

XYZ(32.6236, 19.5977, 10.5370)

Have a look what the booklet for
XYZ(32.6236, 19.5977, 10.5370)
contains.

XYZ(32.5208, 19.5598, 10.4489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5208, 19.5598,
10.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4354
RGB	218, 67, 84
RGB Percent	85%, 26%, 33%
CMY	0.1451, 0.7372, 0.6706
CMYK	0.00, 0.69, 0.61, 0.15
HSL	353°, 67%, 56%
HSV	353°, 69%, 85%
XYZ	32.5208, 19.5598, 10.4489
YIQ	114.0870, 84.5390, 37.2990

Conversions

Conversions Part 2

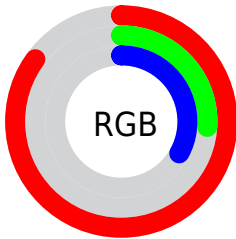
Format	Color
R_{YB}	218, 67, 84
Decimal	14304084
CIE _{Lab}	51.34, 59.47, 24.53
CIE _{LCh}	51, 64.332, 22.415
Yxy	19.5598, 0.5201, 0.3128
Android (android.graphics.Color)	4292494164 (0xFFDA4354)
YUV	114.0870, -14.8329, 91.1317
Hunter-Lab	44.2265, 53.8591, 16.9507

Details

The XYZ color **32.5208, 19.5598, 10.4489** 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 **37.9303, 55.5536, 63.9875**, and the grayscale version is **16.0468, 16.8824, 18.3850**.

A 20% lighter version of the original color is **52.6813, 37.3688, 26.6266**, and **14.0765, 7.2144, 2.5701** is the 20% darker color. If you saturate the color by 10%, you get **30.8038, 17.1758, 6.6403**, and if you desaturate by 10%, it is **34.9355, 23.0048, 15.5226**.

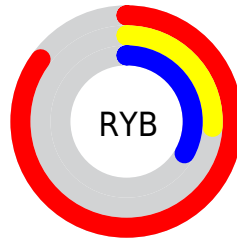
Distribution



Red (85%)

Green (26%)

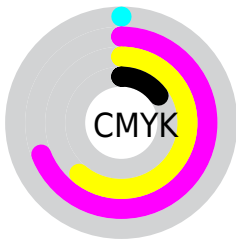
Blue (33%)



Red (85%)

Yellow (26%)

Blue (33%)

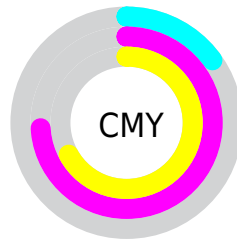


Cyan (0%)

Magenta (69%)

Yellow (61%)

Black (15%)



Cyan (15%)


Magenta (74%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5208, 19.5598, 10.4489 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 32.5208, 19.5598, 10.4489 by changing the saturation by 10% instead.


 32.5208, 19.5598,
10.4489


 32.5208, 19.5598,
10.4489


305.1882,
249.5220, 204.4464


 21.9171, 12.0755,
5.5881


 62.9864, 42.6779,
27.2574


 13.9122, 6.7951,
2.5316


 83.5789, 59.0805,
40.0422


 8.1409, 3.3343,
0.8568


 108.2317, 79.2246,
56.3054

 4.2378, 1.3086,
0.0000

 137.3103,
103.4946, 76.4655

 1.8375, 0.1479,
0.0000

 171.1798,
132.2750, 100.9412

 0.5401, 0.0000,
0.0000

210.2058,

 0.0000, 0.0000,

165.9501, 130.1508

0.0000

254.7534,
204.9043, 164.5131

■ 32.5208, 19.5598,
10.4489

■ 32.5208, 19.5598,
10.4489

■ 30.8038, 17.1758,
6.6403

■ 34.9355, 23.0048,
15.5226

■ 29.7075, 15.7264,
3.9835

■ 38.1113, 27.6117,
21.9596


■ 29.1167, 15.0147,
2.3385


■ 42.1058, 33.4734,
29.8492


■ 29.0837, 14.9735,
2.2507


■ 46.9708, 40.6727,
39.2728

■ 52.7538, 49.2851,
50.3060

 59.4987, 59.3804,
63.0192

 67.2468, 71.0241,
77.4786

 76.0367, 84.2773,
93.7469

 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.



33.7345, 19.5598, 26.3209



32.5208, 19.5598, 10.4489



27.1965, 19.5598, 3.7579

Triad

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



32.5208, 19.5598, 10.4489



10.4146, 19.5598, 6.1791



17.0065, 19.5598, 79.1979

Complementary

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



32.5208, 19.5598, 10.4489



37.9303, 55.5536, 63.9875

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.



12.0243, 19.5598, 63.4765



32.5208, 19.5598, 10.4489



8.8322, 19.5598, 16.9574

Square

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



32.5208, 19.5598, 10.4489



14.2644, 19.5598, 2.4711



9.3446, 19.5598, 37.8506



23.7144, 19.5598, 73.6556

Rectangle

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



32.5208, 19.5598, 10.4489



22.5816, 19.5598, 2.2362



9.3446, 19.5598, 37.8506



15.1006, 19.5598, 76.0139

Sweetspot

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



32.5213, 19.5609, 10.4492



73.5525, 67.7717, 68.5416



38.5847, 21.4097, 68.4281



15.2381, 13.7529, 13.7090



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.



32.5213, 19.5609, 10.4492



43.1348, 23.4206, 7.5836



37.2463, 29.9499, 9.1296



13.1153, 13.0752, 13.8685



17.4441, 8.9787, 1.4529



1.1505, 0.5898, 0.2015

Inverse Universe

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



32.5213, 19.5609, 10.4492



43.1348, 23.4206, 7.5836



27.5619, 31.4388, 70.9449



13.1153, 13.0752, 13.8685



17.4441, 8.9787, 1.4529



1.1505, 0.5898, 0.2015

Previews

White Background



This preview shows how the XYZ color 32.5208, 19.5598, 10.4489 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 32.5208, 19.5598, 10.4489 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 32.5208, 19.5598, 10.4489

Background



This preview shows how black text looks on a background with the XYZ color 32.5208, 19.5598, 10.4489.



This preview shows how white text looks on a background with the XYZ color 32.5208, 19.5598,

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

32.5208, 19.5598, 10.4489

Protanopia

18.6918, 19.8378, 17.0313

Deuteranopia

20.0602, 19.6339, 9.5699



Tritanopia

31.9460, 19.4890, 8.3813

Trichromacy



Original Color

32.5208, 19.5598, 10.4489

Protanomaly

21.8003, 18.1784, 14.1642

Deuteranomaly

23.3287, 18.4869, 9.7359

Tritanomaly

32.0219, 19.4218, 9.0822

Monochromacy



Original Color

32.5208, 19.5598, 10.4489

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.6718, 16.2041, 14.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5208, 19.5598, 10.4489 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, 67, 84)` looks like.

```
.text, #text, p{  
    color:rgb(218, 67, 84)  
}
```

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, 67, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 67, 84) }
```

Border

The CSS property to change the border of an element to XYZ 32.5208, 19.5598, 10.4489 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, 67, 84) }
```


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

```
.border{ border-color:rgb(218, 67, 84) }
```

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

Here you see how a box with a 4 pixel rgb(218, 67, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(218, 67,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5208, 19.5598, 10.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 67, 84) }
```

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

```
.background{ background-color: rgb(218, 67,  
84) }
```

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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