

Converting Colors

XYZ(29.9827, 21.3232, 11.9867)

Have a look what the booklet for
XYZ(29.9827, 21.3232, 11.9867)
contains.

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Color

**XYZ(29.9828, 21.3232,
11.9867)**

Conversions

Conversions Part 1

Format	Color
Hex	C95F59
RGB	201, 95, 89
RGB Percent	79%, 37%, 35%
CMY	0.2118, 0.6274, 0.6510
CMYK	0.00, 0.53, 0.56, 0.21
HSL	3°, 51%, 57%
HSV	3°, 56%, 79%
XYZ	29.9828, 21.3232, 11.9867
YIQ	126.0100, 65.1020, 20.6060

Conversions

Conversions Part 2

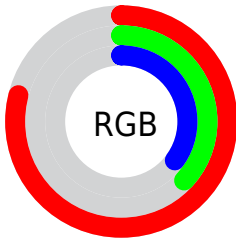
Format	Color
R_{YB}	201, 95, 89
Decimal	13197145
CIE Lab	53.30, 41.65, 23.63
CIE LCh	53, 47.891, 29.567
Yxy	21.3232, 0.4737, 0.3369
Android (android.graphics.Color)	4291387225 (0xFFC95F59)
YUV	126.0100, -18.2459, 65.7662
Hunter-Lab	46.1771, 35.0904, 16.9334

Details

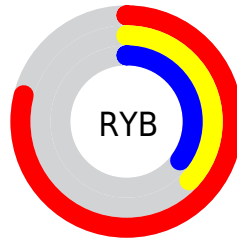
The XYZ color **29.9828, 21.3232, 11.9867** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.1762, 45.3685, 62.2139**, and the grayscale version is **19.8799, 20.9152, 22.7766**.

A 20% lighter version of the original color is **56.4901, 44.3039, 30.0002**, and **12.4553, 7.6530, 3.1062** is the 20% darker color. If you saturate the color by 10%, you get **27.7418, 18.0126, 7.6287**, and if you desaturate by 10%, it is **32.8736, 25.5649, 17.6983**.

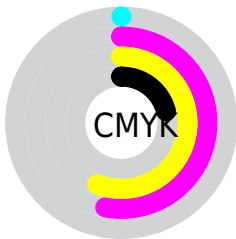
Distribution



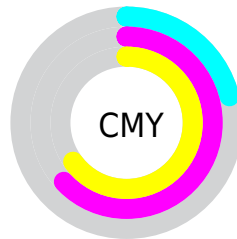
- Red (79%)
- Green (37%)
- Blue (35%)



- Red (79%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (21%)





- Cyan (21%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9828, 21.3232, 11.9867 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 29.9828, 21.3232, 11.9867 by changing the saturation by 10% instead.


 29.9828, 21.3232,
11.9867


 29.9828, 21.3232,
11.9867


293.7355,
258.9912, 215.2920


 19.9735, 13.3605,
6.6122


 59.0218, 45.6248,
30.1349


 12.4840, 7.6772,
3.1460


 78.7822, 62.7325,
43.7457


 7.1487, 3.8891,
1.1697


 102.5238, 83.6572,
60.9390

 3.6024, 1.6117,
0.0000

 130.6118,
108.7835, 82.1333

 1.4798, 0.3655,
0.0000

 163.4116,
138.4956, 107.7473

 0.3120, 0.0000,
0.0000

201.2886,

 0.0000, 0.0000,

173.1780, 138.1993

0.0000

244.6081,
213.2150, 173.9081

■ 29.9828, 21.3232,
11.9867

■ 29.9828, 21.3232,
11.9867

■ 27.7418, 18.0126,
7.6287

■ 32.8736, 25.5649,
17.6983

■ 26.0988, 15.5601,
4.5116

■ 36.4576, 30.7968,
24.8617

■ 24.9966, 13.8871,
2.5061

■ 40.7763, 37.0772,
33.5673

■ 24.3659, 12.8993,
1.4526

■ 45.8673, 44.4589,
43.8976

■ 24.2045, 12.6518,
1.1663

■ 51.7659, 52.9911,
55.9295

■ 58.5052, 62.7201,
69.7348

■ 66.1161, 73.6896,
85.3815

■ 74.6283, 85.9410,
102.9335

■ 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



31.6609, 21.3232, 23.4289



29.9828, 21.3232, 11.9867



25.6165, 21.3232, 6.5068

Triad

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



29.9828, 21.3232, 11.9867



12.9705, 21.3232, 11.7531



20.1935, 21.3232, 63.8173

Complementary

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



29.9828, 21.3232, 11.9867



34.1762, 45.3685, 62.2139

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.



15.7196, 21.3232, 56.5649



29.9828, 21.3232, 11.9867



11.9987, 21.3232, 23.0070

Square

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



29.9828, 21.3232, 11.9867



15.8275, 21.3232, 6.4169



12.9159, 21.3232, 39.8969



25.4676, 21.3232, 56.9478

Rectangle

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



29.9828, 21.3232, 11.9867



22.0840, 21.3232, 5.1622



12.9159, 21.3232, 39.8969



18.5526, 21.3232, 62.9175

Sweetspot

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



29.9833, 21.3243, 11.9871



77.1197, 74.0761, 72.2896



37.5554, 23.5206, 54.4276



16.1122, 15.2836, 14.6712



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.



29.9833, 21.3243, 11.9871



46.7879, 29.7859, 11.7016



36.8929, 35.1435, 14.2903



10.6787, 10.7266, 11.0704



15.2402, 7.9976, 0.7404



0.7379, 0.4112, 0.0405

Inverse Universe

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



34.1762, 45.3685, 62.2139



54.6263, 74.9251, 106.1906



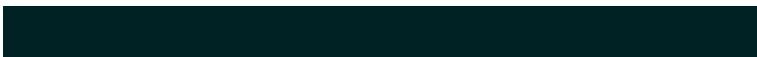
23.9532, 24.9223, 58.8062



10.8961, 11.9663, 13.6529



18.2586, 25.9111, 38.7834



0.8798, 1.2574, 1.8415

Previews

White Background



This preview shows how the XYZ color 29.9828, 21.3232, 11.9867 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 29.9828, 21.3232, 11.9867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

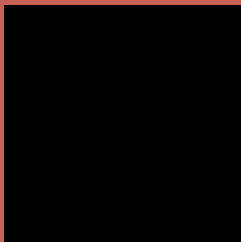
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9828, 21.3232, 11.9867

Background



This preview shows how black text looks on a background with the XYZ color 29.9828, 21.3232, 11.9867.



This preview shows how white text looks on a background with the XYZ color 29.9828, 21.3232,

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

29.9828, 21.3232, 11.9867

Protanopia

20.3207, 21.6519, 15.9402

Deuteranopia

21.8862, 21.4292, 11.3702



Tritanopia

30.5717, 21.3054, 14.5576

Trichromacy



Original Color

29.9828, 21.3232, 11.9867

Protanomaly

22.9472, 20.8462, 14.3695

Deuteranomaly

24.2685, 20.9182, 11.5626

Tritanomaly

30.4711, 21.4065, 13.5922

Monochromacy



Original Color

29.9828, 21.3232, 11.9867

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.2482, 20.2260, 18.3542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9828, 21.3232, 11.9867 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(201, 95, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 95, 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(201, 95, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 95, 89) }
```

Border

The CSS property to change the border of an element to XYZ 29.9828, 21.3232, 11.9867 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(201, 95, 89) }
```


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

```
.border{ border-color:rgb(201, 95, 89) }
```

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

Here you see how a box with a 4 pixel rgb(201, 95, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 95, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 95, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 95,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9828, 21.3232, 11.9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 95, 89) }
```

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

```
.background{ background-color: rgb(201, 95,  
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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