

Converting Colors

XYZ(29.6976, 20.6986, 12.0585)

Have a look what the booklet for
XYZ(29.6976, 20.6986, 12.0585)
contains.

XYZ(29.6739, 20.6379, 12.0924)	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(29.6739, 20.6379,
12.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	C95B5A
RGB	201, 91, 90
RGB Percent	79%, 36%, 35%
CMY	0.2118, 0.6431, 0.6471
CMYK	0.00, 0.55, 0.55, 0.21
HSL	1°, 51%, 57%
HSV	1°, 55%, 79%
XYZ	29.6739, 20.6379, 12.0924
YIQ	123.7760, 65.8810, 23.0090

Conversions

Conversions Part 2

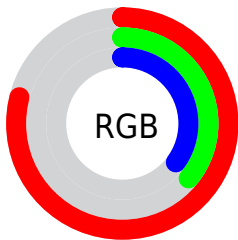
Format	Color
R_{YB}	201, 91, 90
Decimal	13196122
CIE _{Lab}	52.55, 43.72, 22.06
CIE _{LCh}	53, 48.965, 26.772
Yxy	20.6379, 0.4755, 0.3307
Android (android.graphics.Color)	4291386202 (0xFFC95B5A)
YUV	123.7760, -16.6516, 67.7254
Hunter-Lab	45.4290, 37.0944, 16.0183

Details

The XYZ color **29.6739, 20.6379, 12.0924** 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 **35.4117, 47.6960, 62.5978**, and the grayscale version is **19.1227, 20.1185, 21.9091**.

A 20% lighter version of the original color is **55.9469, 43.1000, 30.1813**, and **12.3031, 7.3189, 3.1471** is the 20% darker color. If you saturate the color by 10%, you get **27.4485, 17.3762, 7.6852**, and if you desaturate by 10%, it is **32.5834, 24.8979, 17.8691**.

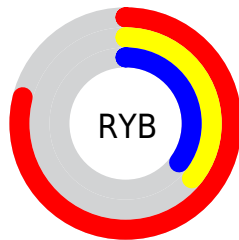
Distribution



Red (79%)

Green (36%)

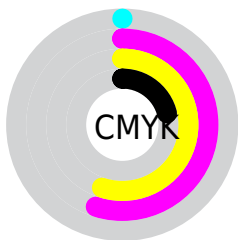
Blue (35%)



Red (79%)

Yellow (36%)

Blue (35%)

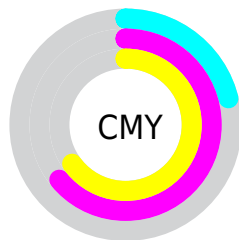


Cyan (0%)

Magenta (55%)

Yellow (55%)

Black (21%)



Cyan (21%)


Magenta (64%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6739, 20.6379, 12.0924 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 29.6739, 20.6379, 12.0924 by changing the saturation by 10% instead.


 29.6739, 20.6379,
12.0924


 29.6739, 20.6379,
12.0924


292.3186,
255.3478, 216.0156


 19.7380, 12.8596,
6.6833


 58.5363, 44.4841,
30.3302

 12.3119, 7.3319,
3.1894


 78.1935, 61.3208,
43.9960


 7.0302, 3.6705,
1.1922


 101.8219, 81.9457,
61.2511

 3.5275, 1.4910,
0.0000

 129.7868,
106.7433, 82.5141

 1.4385, 0.2824,
0.0000

 162.4535,
136.0979, 108.2035

 0.2834, 0.0000,
0.0000

200.1875,

 0.0000, 0.0000,

170.3939, 138.7379

0.0000

243.3541,
210.0158, 174.5357

■ 29.6739, 20.6379,
12.0924

■ 29.6739, 20.6379,
12.0924

■ 27.4485, 17.3762,
7.6852

■ 32.5834, 24.8979,
17.8691

■ 25.8500, 15.0287,
4.5335

■ 36.2251, 30.2249,
25.1145

■ 24.8144, 13.5029,
2.5068

■ 40.6445, 36.6853,
33.9200

■ 24.2634, 12.6856,
1.4454

■ 45.8830, 44.3392,
44.3692

■ 24.1070, 12.4570,
1.1339

■ 51.9790, 53.2425,
56.5397

■ 58.9686, 63.4476,
70.5043

■ 66.8856, 75.0039,
86.3316

■ 75.7624, 87.9580,
104.0863

■ 77.8972, 91.1574,
108.0973

Harmonies

Analogous

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



31.0519, 20.6379, 24.0806



29.6739, 20.6379, 12.0924



25.4593, 20.6379, 6.2698

Triad

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



29.6739, 20.6379, 12.0924



12.5368, 20.6379, 10.3785



19.0718, 20.6379, 63.4797

Complementary

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



29.6739, 20.6379, 12.0924



35.4117, 47.6960, 62.5978

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.



14.7426, 20.6379, 54.8651



29.6739, 20.6379, 12.0924



11.4014, 20.6379, 20.9351

Square

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



29.6739, 20.6379, 12.0924



15.5427, 20.6379, 5.6221



12.1338, 20.6379, 37.5453



24.3445, 20.6379, 57.7660

Rectangle

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



29.6739, 20.6379, 12.0924



21.9328, 20.6379, 4.7742



12.1338, 20.6379, 37.5453



17.4678, 20.6379, 62.0977

Sweetspot

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



29.6744, 20.6390, 12.0928



76.6338, 73.1043, 72.1276



38.2860, 23.9469, 57.8622



15.9995, 15.0581, 14.6336



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.



29.6744, 20.6390, 12.0928



46.4564, 28.9598, 12.0940



36.1347, 33.5596, 14.2462



10.6415, 10.6521, 11.0579



15.1613, 7.8398, 0.7141



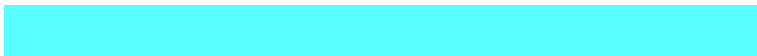
0.7206, 0.3767, 0.0347

Inverse Universe

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



35.4117, 47.6960, 62.5978



57.2277, 79.7821, 106.9910



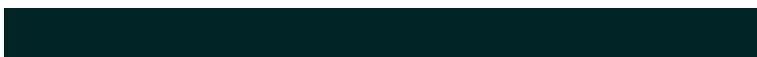
24.9610, 26.7947, 59.1142



10.9382, 12.0504, 13.6670



19.4999, 28.3938, 39.1972



0.9260, 1.3499, 1.8569

Previews

White Background



This preview shows how the XYZ color 29.6739, 20.6379, 12.0924 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 29.6739, 20.6379, 12.0924 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 29.6739, 20.6379, 12.0924

Background



This preview shows how black text looks on a background with the XYZ color 29.6739, 20.6379, 12.0924.



This preview shows how white text looks on a background with the XYZ color 29.6739, 20.6379,

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

29.6739, 20.6379, 12.0924

Protanopia

19.7352, 20.9489, 16.6390

Deuteranopia

21.1187, 20.6681, 11.4706



Tritanopia

29.8549, 20.5744, 13.4641

Trichromacy



Original Color

29.6739, 20.6379, 12.0924

Protanomaly

22.3059, 19.9995, 14.7412

Deuteranomaly

23.5511, 20.0604, 11.6476

Tritanomaly

29.7639, 20.5380, 12.9852

Monochromacy



Original Color

29.6739, 20.6379, 12.0924

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.6677, 19.4336, 17.9383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6739, 20.6379, 12.0924 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, 91, 90)` looks like.

```
.text, #text, p{  
    color:rgb(201, 91, 90)  
}
```

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, 91, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 91, 90) }
```

Border

The CSS property to change the border of an element to XYZ 29.6739, 20.6379, 12.0924 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, 91, 90) }
```


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

```
.border{ border-color:rgb(201, 91, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 91, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 91, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 91, 90);  
box-shadow:4px 4px 4px 4px rgb(201, 91,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6739, 20.6379, 12.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 91, 90) }
```

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

```
.background{ background-color: rgb(201, 91,  
90) }
```

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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