

Converting Colors

XYZ(29.5631, 20.8707, 10.6539)

Have a look what the booklet for
XYZ(29.5631, 20.8707, 10.6539)
contains.

XYZ(29.5631, 20.8707, 10.6539)	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(29.5631, 20.8707,
10.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	C95D53
RGB	201, 93, 83
RGB Percent	79%, 36%, 33%
CMY	0.2118, 0.6353, 0.6745
CMYK	0.00, 0.54, 0.59, 0.21
HSL	5°, 52%, 56%
HSV	5°, 59%, 79%
XYZ	29.5631, 20.8707, 10.6539
YIQ	124.1520, 67.5780, 19.7860

Conversions

Conversions Part 2

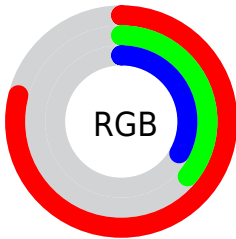
Format	Color
R_{YB}	201, 94, 83
Decimal	13196627
CIE _{Lab}	52.81, 42.19, 26.47
CIE _{LCh}	53, 49.805, 32.109
Yxy	20.8707, 0.4839, 0.3417
Android (android.graphics.Color)	4291386707 (0xFFC95D53)
YUV	124.1520, -20.2879, 67.3957
Hunter-Lab	45.6845, 35.5622, 18.1523

Details

The XYZ color **29.5631, 20.8707, 10.6539** 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 **32.7395, 43.3152, 61.8933**, and the grayscale version is **19.2593, 20.2622, 22.0656**.

A 20% lighter version of the original color is **55.7525, 43.5112, 27.6503**, and **12.2981, 7.4766, 2.6287** is the 20% darker color. If you saturate the color by 10%, you get **27.4715, 17.7547, 6.6672**, and if you desaturate by 10%, it is **32.2690, 24.8556, 15.9553**.

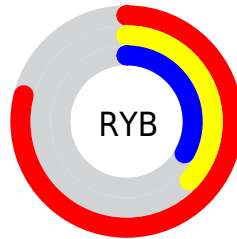
Distribution



Red (79%)

Green (36%)

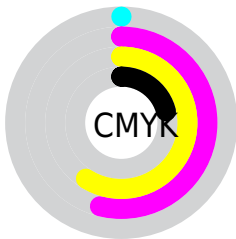
Blue (33%)



Red (79%)

Yellow (37%)

Blue (33%)

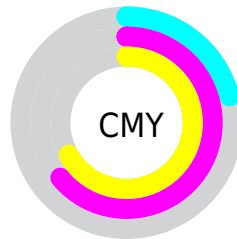


Cyan (0%)

Magenta (54%)

Yellow (59%)

Black (21%)



Cyan (21%)


Magenta (64%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5631, 20.8707, 10.6539 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 29.5631, 20.8707, 10.6539 by changing the saturation by 10% instead.

 29.5631, 20.8707,
10.6539


 29.5631, 20.8707,
10.6539

291.8091,
256.5905, 205.9289


 19.6536, 13.0295,
5.7234

 58.3619, 44.8722,
27.6452

 12.2503, 7.4489,
2.6116


 77.9820, 61.8014,
40.5430


 6.9878, 3.7444,
0.8984


 101.5697, 82.5287,
56.9337

 3.5007, 1.5316,
0.0000

 129.4903,
107.4384, 77.2358

 1.4238, 0.3108,
0.0000

 162.1092,
136.9151, 101.8678

 0.2731, 0.0000,
0.0000

199.7917,

 0.0000, 0.0000,

171.3431, 131.2483

0.0000

242.9032,
211.1068, 165.7958

■ 29.5631, 20.8707,
10.6539

■ 29.5631, 20.8707,
10.6539

■ 27.4715, 17.7547,
6.6672

■ 32.2690, 24.8556,
15.9553

■ 25.9444, 15.4397,
3.8791

■ 35.6308, 29.7640,
22.6719

■ 24.9264, 13.8528,
2.1551

■ 39.6883, 35.6502,
30.8956

■ 24.3417, 12.9034,
1.2823

■ 44.4777, 42.5632,
40.7102

■ 24.2885, 12.8197,
1.1943

■ 50.0325, 50.5487,
52.1933

■ 56.3844, 59.6496,
65.4177

■ 63.5631, 69.9066,
80.4515

■ 71.5968, 81.3582,
97.3595

■ 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.



31.5935, 20.8707, 21.6875



29.5631, 20.8707, 10.6539



24.8887, 20.8707, 5.6537

Triad

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



29.5631, 20.8707, 10.6539



12.2503, 20.8707, 11.7933



20.2071, 20.8707, 65.0038

Complementary

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



29.5631, 20.8707, 10.6539



32.7395, 43.3152, 61.8933

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.



15.5197, 20.8707, 58.5683



29.5631, 20.8707, 10.6539



11.4323, 20.8707, 23.7944

Square

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



29.5631, 20.8707, 10.6539



14.9851, 20.8707, 6.0807



12.5190, 20.8707, 41.5850



25.6372, 20.8707, 56.6105

Rectangle

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



29.5631, 20.8707, 10.6539



21.2408, 20.8707, 4.5298



12.5190, 20.8707, 41.5850



18.4964, 20.8707, 64.4981

Sweetspot

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



29.5636, 20.8718, 10.6543



76.5532, 73.4529, 70.5296



36.6030, 22.3730, 51.7756



15.8353, 14.9291, 13.9645



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.



29.5636, 20.8718, 10.6543



46.3576, 29.3801, 10.1566



36.8499, 35.4445, 13.0830



10.7050, 10.7791, 11.0791



15.3001, 8.1174, 0.7604



0.7500, 0.4354, 0.0445

Inverse Universe

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



32.7395, 43.3152, 61.8933



52.1906, 71.0175, 105.5648



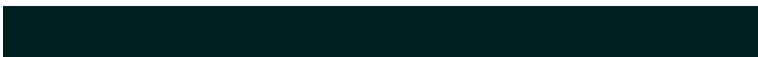
22.3839, 22.6039, 58.4415



10.8668, 11.9077, 13.6432



17.4336, 24.2611, 38.5084



0.8487, 1.1952, 1.8311

Previews

White Background



This preview shows how the XYZ color 29.5631, 20.8707, 10.6539 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 29.5631, 20.8707, 10.6539 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 29.5631, 20.8707, 10.6539

Background



This preview shows how black text looks on a background with the XYZ color 29.5631, 20.8707, 10.6539.



This preview shows how white text looks on a background with the XYZ color 29.5631, 20.8707,

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

29.5631, 20.8707, 10.6539

Protanopia

19.6102, 20.9357, 14.3167

Deuteranopia

21.3494, 20.9971, 10.1353



Tritanopia

30.2559, 20.9018, 13.7491

Trichromacy



Original Color

29.5631, 20.8707, 10.6539

Protanomaly

22.2472, 20.1783, 12.8475

Deuteranomaly

23.7100, 20.4941, 10.2955

Tritanomaly

30.1160, 20.9836, 12.5882

Monochromacy



Original Color

29.5631, 20.8707, 10.6539

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.6143, 19.5898, 17.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5631, 20.8707, 10.6539 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, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(201, 93, 83)  
}
```

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, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 93, 83) }
```

Border

The CSS property to change the border of an element to XYZ 29.5631, 20.8707, 10.6539 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, 93, 83) }
```


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

```
.border{ border-color:rgb(201, 93, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 93, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(201, 93,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5631, 20.8707, 10.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 93, 83) }
```

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

```
.background{ background-color: rgb(201, 93,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor