

Converting Colors

XYZ(29.9861, 20.7627, 13.7364)

Have a look what the booklet for
XYZ(29.9861, 20.7627, 13.7364)
contains.

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Color

**XYZ(29.9861, 20.7627,
13.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	C95B61
RGB	201, 91, 97
RGB Percent	79%, 36%, 38%
CMY	0.2118, 0.6431, 0.6196
CMYK	0.00, 0.55, 0.52, 0.21
HSL	357°, 50%, 57%
HSV	357°, 55%, 79%
XYZ	29.9861, 20.7627, 13.7364
YIQ	124.5740, 63.6340, 25.1860

Conversions

Conversions Part 2

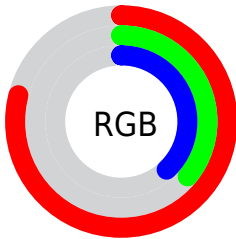
Format	Color
RYB	201, 91, 97
Decimal	13196129
CIELab	52.69, 44.31, 18.12
CIElCh	53, 47.870, 22.244
Yxy	20.7627, 0.4650, 0.3220
Android (android.graphics.Color)	4291386209 (0xFFC95B61)
YUV	124.5740, -13.5940, 67.0256
Hunter-Lab	45.5661, 37.7264, 14.0227

Details

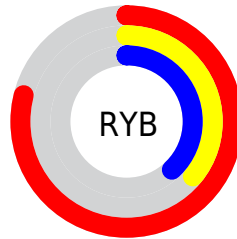
The XYZ color **29.9861, 20.7627, 13.7364** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **35.0525, 47.9379, 59.0385**, and the grayscale version is **19.3798, 20.3890, 22.2037**.

A 20% lighter version of the original color is **56.5586, 43.3446, 33.4024**, and **12.4460, 7.3760, 3.8997** is the 20% darker color. If you saturate the color by 10%, you get **27.7096, 17.4620, 9.1170**, and if you desaturate by 10%, it is **32.9360, 25.0706, 19.6278**.

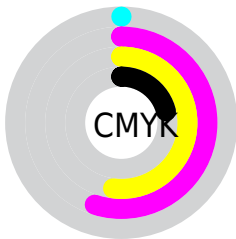
Distribution



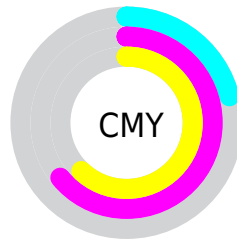
- Red (79%)
- Green (36%)
- Blue (38%)



- Red (79%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (21%)



- Cyan (21%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9861, 20.7627, 13.7364 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 29.9861, 20.7627, 13.7364 by changing the saturation by 10% instead.

■ 29.9861, 20.7627,
13.7364

■ 29.9861, 20.7627,
13.7364

293.7506,
256.0147, 226.9559

■ 19.9761, 12.9507,
7.8009

■ 59.0270, 44.6923,
33.3309

■ 12.4858, 7.3946,
3.8819

■ 78.7885, 61.5786,
47.8271

■ 7.1500, 3.7101,
1.5608

■ 102.5313, 82.2584,
66.0138

■ 3.6032, 1.5127,
0.2626

■ 130.6206,
107.1162, 88.3097

■ 1.4802, 0.2977,
0.0000

163.4218,
136.5364, 115.1334

■ 0.3123, 0.0000,
0.0000

201.3004,

■ 0.0000, 0.0000,

170.9032, 146.9032

0.0000

244.6215,
210.6012, 184.0379

■ 29.9861, 20.7627,
13.7364

■ 29.9861, 20.7627,
13.7364

■ 27.7096, 17.4620,
9.1170

■ 32.9360, 25.0706,
19.6278

■ 26.0519, 15.0839,
5.6749

■ 36.6052, 30.4551,
26.8744

■ 24.9524, 13.5353,
3.3037

■ 41.0372, 36.9830,
35.5537

■ 24.3377, 12.7019,
1.8776

■ 46.2717, 44.7149,
45.7369

■ 24.1474, 12.4415,
1.4439

■ 52.3457, 53.7071,
57.4905

■ 59.2939, 64.0123,
70.8771

■ 67.1488, 75.6804,
85.9557

■ 75.9416, 88.7585,
102.7827

■ 77.8973, 91.1574,
108.0973

Harmonies

Analogous

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



30.8195, 20.7627, 26.5121



29.9861, 20.7627, 13.7364



26.1947, 20.7627, 7.1216

Triad

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



29.9861, 20.7627, 13.7364



13.0926, 20.7627, 9.6332



18.4705, 20.7627, 62.1016

Complementary

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



29.9861, 20.7627, 13.7364



35.0525, 47.9379, 59.0385

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.



14.4344, 20.7627, 51.9455



29.9861, 20.7627, 13.7364



11.6881, 20.7627, 19.1056

Square

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



29.9861, 20.7627, 13.7364



16.3280, 20.7627, 5.5425



12.1343, 20.7627, 34.6535



23.5842, 20.7627, 58.6576

Rectangle

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



29.9861, 20.7627, 13.7364



22.7998, 20.7627, 5.2598



12.1343, 20.7627, 34.6535



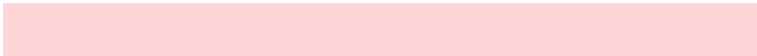
16.9567, 20.7627, 60.0550

Sweetspot

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



29.9866, 20.7638, 13.7368



77.7867, 74.4342, 75.5206



36.4469, 23.1256, 57.8008



16.2337, 15.3174, 15.3567



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.



29.9866, 20.7638, 13.7368



46.7294, 28.8701, 14.1449



35.1608, 31.5428, 14.1342



10.6569, 10.6461, 11.1766



15.1940, 7.8272, 0.9654



0.7278, 0.3740, 0.0897

Inverse Universe

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



29.9866, 20.7638, 13.7368



46.7294, 28.8701, 14.1449



26.3039, 29.3341, 59.5338



10.6569, 10.6461, 11.1766



15.1940, 7.8272, 0.9654



0.7278, 0.3740, 0.0897

Previews

White Background



This preview shows how the XYZ color 29.9861, 20.7627, 13.7364 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 29.9861, 20.7627, 13.7364 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 29.9861, 20.7627, 13.7364

Background



This preview shows how black text looks on a background with the XYZ color 29.9861, 20.7627, 13.7364.



This preview shows how white text looks on a background with the XYZ color 29.9861, 20.7627,

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

29.9861, 20.7627, 13.7364

Protanopia

19.8582, 20.9619, 18.9190

Deuteranopia

21.3468, 20.9315, 13.0403



Tritanopia

29.9861, 20.7627, 13.7364

Trichromacy



Original Color

29.9861, 20.7627, 13.7364

Protanomaly

22.3222, 19.9609, 16.8637

Deuteranomaly

23.9585, 20.3950, 13.2636

Tritanomaly

29.9861, 20.7627, 13.7364

Monochromacy



Original Color

29.9861, 20.7627, 13.7364

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.1365, 19.8204, 18.8786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9861, 20.7627, 13.7364 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(201, 91, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 91, 97) }
```

Border

The CSS property to change the border of an element to XYZ 29.9861, 20.7627, 13.7364 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, 97) }
```


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

```
.border{ border-color:rgb(201, 91, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(201, 91,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9861, 20.7627, 13.7364 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, 97) }
```

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

```
.background{ background-color: rgb(201, 91,  
97) }
```

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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