

Converting Colors

XYZ(26.0477, 13.2156, 10.8177)

Have a look what the booklet for
XYZ(26.0477, 13.2156, 10.8177)
contains.

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Color

**XYZ(25.9329, 13.1557,
10.8453)**

Conversions

Conversions Part 1

Format	Color
Hex	C9005A
RGB	201, 0, 90
RGB Percent	79%, 0%, 35%
CMY	0.2118, 0.9999, 0.6471
CMYK	0.00, 1.00, 0.55, 0.21
HSL	333°, 100%, 39%
HSV	333°, 100%, 79%
XYZ	25.9329, 13.1557, 10.8453
YIQ	70.3590, 90.9060, 70.6020

Conversions

Conversions Part 2

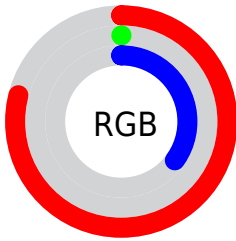
Format	Color
R_{YB}	201, 0, 90
Decimal	13172826
CIE _{Lab}	43.00, 70.00, 9.01
CIE _{LCh}	43, 70.576, 7.334
Yxy	13.1557, 0.5193, 0.2635
Android (android.graphics.Color)	4291362906 (0xFFC9005A)
YUV	70.3590, 9.6830, 114.5722
Hunter-Lab	36.2708, 64.1501, 7.6613

Details

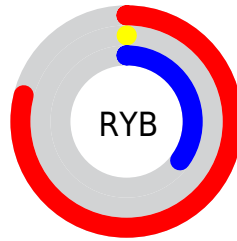
The XYZ color **25.9329, 13.1557, 10.8453** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **23.7584, 42.9220, 22.0824**, and the grayscale version is **5.8585, 6.1636, 6.7121**.

A 20% lighter version of the original color is **49.3818, 29.9698, 27.9930**, and **11.2889, 5.7649, 3.0004** is the 20% darker color. If you saturate the color by 10%, you get **25.9319, 13.1553, 10.8406**, and if you desaturate by 10%, it is **26.6939, 13.8643, 13.6073**.

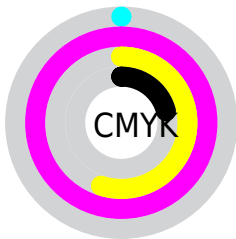
Distribution



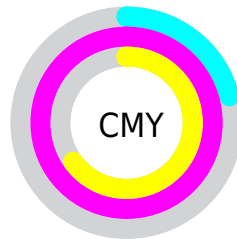
- Red (79%)
- Green (0%)
- Blue (35%)



- Red (79%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9329, 13.1557, 10.8453 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 25.9329, 13.1557, 10.8453 by changing the saturation by 10% instead.

 25.9329, 13.1557,
10.8453


 25.9329, 13.1557,
10.8453


274.7153,
211.9131, 207.3023


 16.9059, 7.5359,
5.8500


 52.5988, 31.5832,
28.0060


 10.2623, 3.7994,
2.6868


 70.9683, 45.1597,
41.0085


 5.6368, 1.5620,
0.9368

 93.1827, 62.1571,
57.5173

 2.6641, 0.3318,
0.0000

 119.6073, 82.9600,
77.9507

 0.9787, 0.0000,
0.0000

 150.6075,
107.9526, 102.7274

 0.0000, 0.0000,
0.0000

 186.5487,

137.5194, 132.2658

227.7962,
172.0448, 166.9846

■ 25.9329, 13.1557,
10.8453

■ 25.9329, 13.1557,
10.8453

■ 25.9319, 13.1553,
10.8406

■ 26.6939, 13.8643,
13.6073

■ 27.7902, 15.1256,
16.8437

■ 29.3153, 17.1225,
20.5995

■ 31.3198, 19.9518,
24.9042

■ 33.8466, 23.6955,
29.7847

■ 36.9336, 28.4255,
35.2652

■ 40.6150, 34.2066,
41.3684

■ 44.9221, 41.0979,
48.1157

■ 49.8840, 49.1542,
55.5272

Harmonies

Analogous

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



24.7813, 13.1557, 29.1600



25.9329, 13.1557, 10.8453



22.7430, 13.1557, 2.7835

Triad

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



25.9329, 13.1557, 10.8453



7.1934, 13.1557, 1.2908



8.9060, 13.1557, 63.2123

Complementary

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



25.9329, 13.1557, 10.8453



23.7584, 42.9220, 22.0824

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.



5.9186, 13.1557, 41.0826



25.9329, 13.1557, 10.8453



5.1475, 13.1557, 5.6328

Square

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



25.9329, 13.1557, 10.8453



11.2216, 13.1557, 0.2890



4.7599, 13.1557, 18.4776



13.8808, 13.1557, 68.9147

Rectangle

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



25.9329, 13.1557, 10.8453



19.0070, 13.1557, 1.0306



4.7599, 13.1557, 18.4776



7.6846, 13.1557, 56.9396

Sweetspot

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



25.9332, 13.1565, 10.8455



69.2381, 58.0913, 70.3452



17.0442, 7.5694, 55.8210



14.2199, 11.4872, 14.0765



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.



25.9332, 13.1565, 10.8455



44.2860, 22.4784, 17.9698



24.1970, 12.6365, 1.1649



10.8279, 10.7145, 12.0770



16.3498, 8.2895, 7.0517



0.8105, 0.4070, 0.5253

Inverse Universe

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



25.9332, 13.1565, 10.8455



44.2860, 22.4784, 17.9698



29.1634, 41.4579, 61.7233



10.8279, 10.7145, 12.0770



16.3498, 8.2895, 7.0517



0.8105, 0.4070, 0.5253

Previews

White Background



This preview shows how the XYZ color 25.9329, 13.1557, 10.8453 looks on a white 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

Black 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

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

XYZ 25.9329, 13.1557, 10.8453

Background



This preview shows how black text looks on a background with the XYZ color 25.9329, 13.1557, 10.8453.



This preview shows how white text looks on a background with the XYZ color 25.9329, 13.1557,

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

25.9329, 13.1557, 10.8453

Protanopia

13.8767, 13.8806, 23.4206

Deuteranopia

13.9653, 13.7885, 9.9080



Tritanopia

24.4874, 13.5252, 2.9101

Trichromacy



Original Color

25.9329, 13.1557, 10.8453

Protanomaly

15.0923, 10.3083, 17.7172

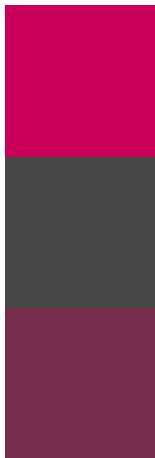
Deuteranomaly

16.0508, 10.8067, 9.8343

Tritanomaly

24.8154, 13.1680, 4.8482

Monochromacy



Original Color

25.9329, 13.1557, 10.8453

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7492, 6.2641, 7.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9329, 13.1557, 10.8453 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, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 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, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.9329, 13.1557, 10.8453 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, 0, 90) }
```


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

```
.border{ border-color:rgb(201, 0, 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, 0, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9329, 13.1557, 10.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 90) }
```

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

```
.background{ background-color: rgb(201, 0,  
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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