

Converting Colors

XYZ(32.5162, 21.6604, 15.2990)

Have a look what the booklet for
XYZ(32.5162, 21.6604, 15.2990)
contains.

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Color

**XYZ(32.5162, 21.6604,
15.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	D25867
RGB	210, 88, 103
RGB Percent	82%, 35%, 40%
CMY	0.1765, 0.6549, 0.5961
CMYK	0.00, 0.58, 0.51, 0.18
HSL	353°, 58%, 58%
HSV	353°, 58%, 82%
XYZ	32.5162, 21.6604, 15.2990
YIQ	126.1880, 67.8970, 30.5290

Conversions

Conversions Part 2

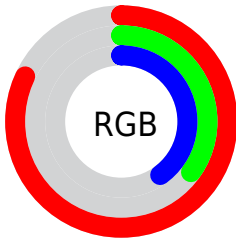
Format	Color
RYB	210, 88, 103
Decimal	13785191
CIELab	53.66, 49.42, 16.14
CIElCh	54, 51.984, 18.084
Yxy	21.6604, 0.4680, 0.3118
Android (android.graphics.Color)	4291975271 (0xFFD25867)
YUV	126.1880, -11.4317, 73.5031
Hunter-Lab	46.5407, 43.2647, 13.0885

Details

The XYZ color **32.5162, 21.6604, 15.2990** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **36.9228, 52.1084, 59.7457**, and the grayscale version is **19.9176, 20.9548, 22.8198**.

A 20% lighter version of the original color is **56.7457, 42.9391, 35.8691**, and **13.9928, 7.8979, 4.5283** is the 20% darker color. If you saturate the color by 10%, you get **30.2089, 18.3660, 10.4602**, and if you desaturate by 10%, it is **35.5246, 26.0313, 21.3765**.

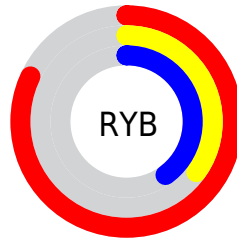
Distribution



Red (82%)

Green (35%)

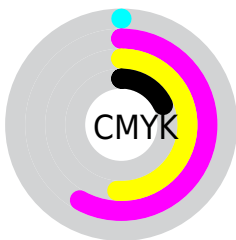
Blue (40%)



Red (82%)

Yellow (35%)

Blue (40%)

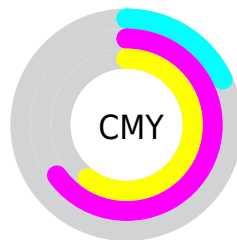


Cyan (0%)

Magenta (58%)

Yellow (51%)

Black (18%)



Cyan (18%)


Magenta (65%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5162, 21.6604, 15.2990 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 32.5162, 21.6604, 15.2990 by changing the saturation by 10% instead.


 32.5162, 21.6604,
15.2990


 32.5162, 21.6604,
15.2990


305.1677,
260.7676, 236.8717


 21.9135, 13.6076,
8.8806


 62.9792, 46.1841,
36.1266

 13.9096, 7.8482,
4.5676


 83.5703, 63.4237,
51.3728

 8.1391, 3.9980,
1.9416


 108.2215, 84.4944,
70.3986

 4.2367, 1.6724,
0.5190

 137.2983,
109.7806, 93.6227

 1.8369, 0.4057,
0.0000

171.1659,
139.6666, 121.4635

 0.5397, 0.0000,
0.0000

210.1898,

 0.0000, 0.0000,

174.5368, 154.3395

0.0000

254.7353,
214.7757, 192.6694

■ 32.5162, 21.6604,
15.2990

■ 32.5162, 21.6604,
15.2990

■ 30.2089, 18.3660,
10.4602

■ 35.5246, 26.0313,
21.3765

■ 28.5436, 16.0514,
6.7732

■ 39.2836, 31.5576,
28.7694

■ 27.4542, 14.6084,
4.1413

■ 43.8398, 38.3147,
37.5491

■ 26.8475, 13.8789,
2.4474

■ 49.2358, 46.3709,
47.7817

■ 26.7625, 13.7753,
2.2145

■ 55.5110, 55.7893,
59.5293

■ 62.7024, 66.6288,
72.8499

■ 70.8447, 78.9449,
87.7987

■ 79.6489, 92.1458,
104.3210

■ 80.3882, 92.4415,
108.2138

Harmonies

Analogous

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



32.9217, 21.6604, 30.4893



32.5162, 21.6604, 15.2990



28.5885, 21.6604, 7.3487

Triad

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



32.5162, 21.6604, 15.2990



13.6121, 21.6604, 8.4723



18.4578, 21.6604, 68.0258

Complementary

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



32.5162, 21.6604, 15.2990



36.9228, 52.1084, 59.7457

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.



14.2389, 21.6604, 54.4974



32.5162, 21.6604, 15.2990



11.7977, 21.6604, 17.8098

Square

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



32.5162, 21.6604, 15.2990



17.4437, 21.6604, 4.8089



12.0043, 21.6604, 34.4239



24.0881, 21.6604, 66.3126

Rectangle

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



32.5162, 21.6604, 15.2990



24.8419, 21.6604, 5.0556



12.0043, 21.6604, 34.4239



16.8490, 21.6604, 64.9270

Sweetspot

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



32.5167, 21.6616, 15.2994



77.2176, 73.1808, 75.6859



37.3030, 23.0680, 63.4589



16.1351, 15.0759, 15.4603



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.



32.5167, 21.6616, 15.2994



46.0843, 27.3882, 14.5214



36.6917, 31.1097, 13.3051



11.8670, 11.8315, 12.5755



16.3448, 8.4108, 1.4562



0.9340, 0.4783, 0.1871

Inverse Universe

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



32.5167, 21.6616, 15.2994



46.0843, 27.3882, 14.5214



29.1618, 33.7357, 65.9470



11.8670, 11.8315, 12.5755



16.3448, 8.4108, 1.4562



0.9340, 0.4783, 0.1871

Previews

White Background



This preview shows how the XYZ color 32.5162, 21.6604, 15.2990 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 32.5162, 21.6604, 15.2990 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 32.5162, 21.6604, 15.2990

Background



This preview shows how black text looks on a background with the XYZ color 32.5162, 21.6604, 15.2990.



This preview shows how white text looks on a background with the XYZ color 32.5162, 21.6604,

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

32.5162, 21.6604, 15.2990

Protanopia

20.8100, 21.7739, 21.8449

Deuteranopia

22.1895, 21.7044, 14.3291



Tritanopia

32.2163, 21.6726, 13.3117

Trichromacy



Original Color

32.5162, 21.6604, 15.2990

Protanomaly

23.5547, 20.5448, 19.2471

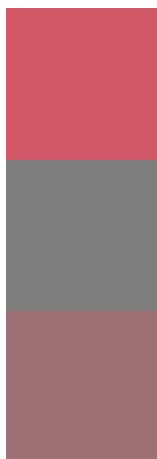
Deuteranomaly

25.0616, 20.9369, 14.5247

Tritanomaly

32.3553, 21.7282, 14.0439

Monochromacy



Original Color

32.5162, 21.6604, 15.2990

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.9688, 20.0644, 19.8018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5162, 21.6604, 15.2990 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(210, 88, 103)` looks like.

```
.text, #text, p{  
    color:rgb(210, 88, 103)  
}
```

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(210, 88, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 88, 103) }
```

Border

The CSS property to change the border of an element to XYZ 32.5162, 21.6604, 15.2990 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(210, 88, 103) }
```


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

```
.border{ border-color:rgb(210, 88, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 88, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 88, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 88, 103);  
box-shadow:4px 4px 4px 4px rgb(210, 88,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5162, 21.6604, 15.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 88, 103) }
```

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

```
.background{ background-color: rgb(210, 88,  
103) }
```

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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