

Converting Colors

XYZ(32.6790, 23.3430, 19.5715)

Have a look what the booklet for
XYZ(32.6790, 23.3430, 19.5715)
contains.

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Color

**XYZ(32.7664, 23.4291,
19.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6575
RGB	204, 101, 117
RGB Percent	80%, 40%, 46%
CMY	0.2000, 0.6039, 0.5412
CMYK	0.00, 0.50, 0.43, 0.20
HSL	351°, 50%, 60%
HSV	351°, 50%, 80%
XYZ	32.7664, 23.4291, 19.6249
YIQ	133.6210, 56.2520, 26.8120

Conversions

Conversions Part 2

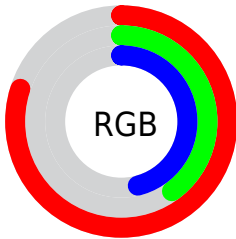
Format	Color
RYB	204, 101, 117
Decimal	13395317
CIELab	55.51, 42.35, 10.32
CIELCh	56, 43.590, 13.697
Yxy	23.4291, 0.4322, 0.3090
Android (android.graphics.Color)	4291585397 (0xFFCC6575)
YUV	133.6210, -8.1942, 61.7224
Hunter-Lab	48.4036, 36.1277, 9.8438

Details

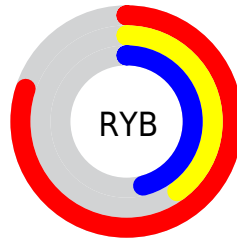
The XYZ color **32.7664, 23.4291, 19.6249** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.0381, 49.5838, 55.2513**, and the grayscale version is **22.5364, 23.7100, 25.8202**.

A 20% lighter version of the original color is **59.9570, 47.2358, 43.4935**, and **14.0266, 8.7373, 6.5774** is the 20% darker color. If you saturate the color by 10%, you get **30.1041, 19.5795, 14.1905**, and if you desaturate by 10%, it is **36.1080, 28.3388, 26.2063**.

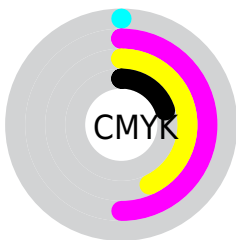
Distribution



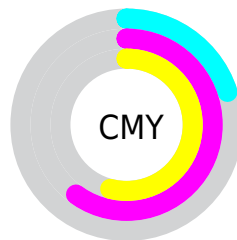
- Red (80%)
- Green (40%)
- Blue (46%)



- Red (80%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7664, 23.4291, 19.6249 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 32.7664, 23.4291, 19.6249 by changing the saturation by 10% instead.

■ 32.7664, 23.4291,
19.6249

■ 32.7664, 23.4291,
19.6249

306.2794,
269.9213, 262.4139

■ 22.1059, 14.9107,
11.9413

■ 63.3678, 49.0970,
43.6381

■ 14.0518, 8.7567,
6.5817

■ 84.0394, 67.0152,
60.8047

■ 8.2386, 4.5828,
3.1274

■ 108.7788, 88.8354,
81.9695

■ 4.3011, 2.0046,
1.1601

■ 137.9512,
114.9421, 107.5509

■ 1.8739, 0.6102,
0.0000

171.9222,
145.7197, 137.9675

■ 0.5616, 0.0000,
0.0000

211.0570,

■ 0.0000, 0.0000,

181.5525, 173.6379

0.0000

255.7209,
222.8249, 214.9805

■ 32.7664, 23.4291,
19.6249

■ 32.7664, 23.4291,
19.6249

■ 30.1041, 19.5795,
14.1905

■ 36.1080, 28.3388,
26.2063

■ 28.0720, 16.7081,
9.8356

■ 40.1697, 34.3753,
33.9943

■ 26.6171, 14.7271,
6.4872

■ 44.9915, 41.6039,
43.0460

■ 25.6766, 13.5310,
4.0626

■ 50.6095, 50.0843,
53.4144

■ 25.1582, 12.9399,
2.5155

■ 57.0578, 59.8716,
65.1494

■ 64.3685, 71.0182,
78.2983

■ 72.5717, 83.5732,
92.9063

■ 78.6887, 91.5681,
108.0137

■ 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



32.6228, 23.4291, 33.8844



32.7664, 23.4291, 19.6249



29.8214, 23.4291, 11.0119

Triad

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



32.7664, 23.4291, 19.6249



16.3588, 23.4291, 10.5223



19.7205, 23.4291, 61.2881

Complementary

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



32.7664, 23.4291, 19.6249



36.0381, 49.5838, 55.2513

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.



16.1127, 23.4291, 49.1397



32.7664, 23.4291, 19.6249



14.3761, 23.4291, 18.6438

Square

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



32.7664, 23.4291, 19.6249



20.1057, 23.4291, 7.2184



14.2932, 23.4291, 32.4684



24.5815, 23.4291, 61.8612

Rectangle

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



32.7664, 23.4291, 19.6249



26.7228, 23.4291, 8.1301



14.2932, 23.4291, 32.4684



18.3392, 23.4291, 58.2656

Sweetspot

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



32.7670, 23.4303, 19.6253



79.2660, 76.0679, 80.0979



36.0063, 24.2121, 59.9023



16.5458, 15.6474, 16.3674



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.



32.7670, 23.4303, 19.6253



49.3578, 31.7145, 22.4585



35.9622, 31.1993, 16.4402



11.2822, 11.2416, 12.0205



15.8571, 8.1534, 1.7001



0.8411, 0.4299, 0.2092

Inverse Universe

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



32.7670, 23.4303, 19.6253



49.3578, 31.7145, 22.4585



30.5793, 35.7521, 62.4158



11.2822, 11.2416, 12.0205



15.8571, 8.1534, 1.7001



0.8411, 0.4299, 0.2092

Previews

White Background



This preview shows how the XYZ color 32.7664, 23.4291, 19.6249 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 32.7664, 23.4291, 19.6249 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 32.7664, 23.4291, 19.6249

Background



This preview shows how black text looks on a background with the XYZ color 32.7664, 23.4291, 19.6249.



This preview shows how white text looks on a background with the XYZ color 32.7664, 23.4291,

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

32.7664, 23.4291, 19.6249

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

23.9702, 23.4782, 18.5976



Tritanopia

32.1944, 23.3250, 17.5572

Trichromacy



Original Color

32.7664, 23.4291, 19.6249

Protanomaly

25.4316, 22.8103, 23.4845

Deuteranomaly

26.5290, 22.9424, 18.9497

Tritanomaly

32.3606, 23.3915, 18.4322

Monochromacy



Original Color

32.7664, 23.4291, 19.6249

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.1539, 22.8485, 23.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7664, 23.4291, 19.6249 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(204, 101, 117)` looks like.

```
.text, #text, p{  
    color:rgb(204, 101, 117)  
}
```

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(204, 101, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 101, 117) }
```

Border

The CSS property to change the border of an element to XYZ 32.7664, 23.4291, 19.6249 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(204, 101, 117) }
```


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

```
.border{ border-color:rgb(204, 101, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 101, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 101, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 101, 117);  
box-shadow:4px 4px 4px 4px rgb(204, 101,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7664, 23.4291, 19.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 101, 117) }
```

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

```
.background{ background-color: rgb(204,  
101, 117) }
```

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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