

Converting Colors

XYZ(32.4741, 17.3674, 14.7453)

Have a look what the booklet for
XYZ(32.4741, 17.3674, 14.7453)
contains.

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Color

**XYZ(32.3430, 17.3213,
14.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2468
RGB	219, 36, 104
RGB Percent	86%, 14%, 41%
CMY	0.1412, 0.8588, 0.5922
CMYK	0.00, 0.84, 0.53, 0.14
HSL	338°, 72%, 50%
HSV	338°, 84%, 86%
XYZ	32.3430, 17.3213, 14.7354
YIQ	98.4690, 87.2400, 59.9440

Conversions

Conversions Part 2

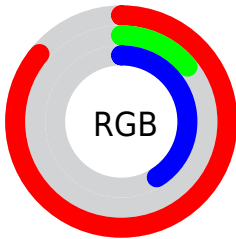
Format	Color
R_{YB}	219, 36, 104
Decimal	14361704
CIE _{Lab}	48.66, 70.36, 8.80
CIE _{LCh}	49, 70.906, 7.133
Yxy	17.3213, 0.5022, 0.2690
Android (android.graphics.Color)	4292551784 (0xFFDB2468)
YUV	98.4690, 2.7268, 105.7057
Hunter-Lab	41.6189, 65.8835, 8.1412

Details

The XYZ color **32.3430, 17.3213, 14.7354** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **31.6469, 53.2732, 37.9001**, and the grayscale version is **11.7066, 12.3163, 13.4124**.

A 20% lighter version of the original color is **52.0066, 33.3271, 34.7021**, and **14.6683, 7.4736, 4.6724** is the 20% darker color. If you saturate the color by 10%, you get **31.2275, 16.1195, 11.1913**, and if you desaturate by 10%, it is **33.9782, 19.3802, 19.0160**.

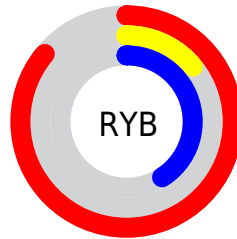
Distribution



Red (86%)

Green (14%)

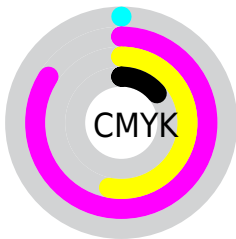
Blue (41%)



Red (86%)

Yellow (14%)

Blue (41%)

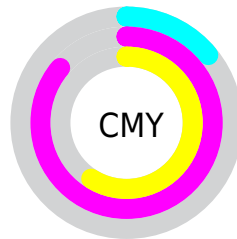


Cyan (0%)

Magenta (84%)

Yellow (53%)

Black (14%)



Cyan (14%)


Magenta (86%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3430, 17.3213, 14.7354 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 32.3430, 17.3213, 14.7354 by changing the saturation by 10% instead.


 32.3430, 17.3213,
14.7354


 32.3430, 17.3213,
14.7354


304.3964,
237.0172, 233.3444


 21.7804, 10.4638,
8.4893


 62.7100, 38.8774,
35.1240


 13.8114, 5.7076,
4.3174


 83.2451, 54.3448,
50.1037


 8.0704, 2.6681,
1.8010


 107.8352, 73.4510,
68.8316

 4.1922, 0.9610,
0.4286

 136.8455, 96.5803,
91.7264

 1.8114, 0.0000,
0.0000

 170.6414,
124.1172, 119.2065

 0.5245, 0.0000,
0.0000

 209.5883,

 0.0000, 0.0000,

156.4460, 151.6905

0.0000

254.0515,
193.9512, 189.5969

■ 32.3430, 17.3213,
14.7354

■ 32.3430, 17.3213,
14.7354

■ 31.2275, 16.1195,
11.1913

■ 33.9782, 19.3802,
19.0160

■ 30.7122, 15.6596,
9.2603

■ 36.2012, 22.4237,
24.0808

■ 39.0703, 26.5606,
29.9734

■ 42.6359, 31.8847,
36.7329

■ 46.9432, 38.4794,
44.3960

■ 52.0335, 46.4206,
52.9968

■ 57.9450, 55.7782,
62.5675

■ 64.7131, 66.6172,
73.1388

■ 72.3713, 78.9986,
84.7397

Harmonies

Analogous

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



30.9665, 17.3213, 36.5843



32.3430, 17.3213, 14.7354



28.6496, 17.3213, 4.4099

Triad

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



32.3430, 17.3213, 14.7354



9.9837, 17.3213, 2.2593



12.0475, 17.3213, 75.2422

Complementary

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



32.3430, 17.3213, 14.7354



31.6469, 53.2732, 37.9001

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.



8.3405, 17.3213, 49.9898



32.3430, 17.3213, 14.7354



7.3878, 17.3213, 8.0476

Square

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



32.3430, 17.3213, 14.7354



14.9520, 17.3213, 0.9469



6.8782, 17.3213, 23.6902



18.0733, 17.3213, 81.8398

Rectangle

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



32.3430, 17.3213, 14.7354



24.2670, 17.3213, 1.9061



6.8782, 17.3213, 23.6902



10.5426, 17.3213, 68.1054

Sweetspot

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



32.3434, 17.3223, 14.7357



72.1827, 63.5337, 72.7049



25.7858, 12.7533, 68.1202



14.8917, 12.7255, 14.6250



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.



32.3434, 17.3223, 14.7357



43.2937, 22.0815, 12.7448



31.0133, 18.1500, 3.5392



13.2551, 13.1311, 14.6045



18.2597, 9.3049, 5.7474



1.2238, 0.6192, 0.5875

Inverse Universe

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



32.3434, 17.3223, 14.7357



43.2937, 22.0815, 12.7448



33.6289, 45.7190, 74.0698



13.2551, 13.1311, 14.6045



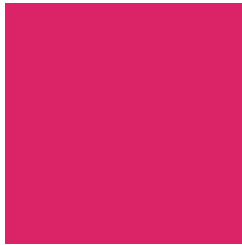
18.2597, 9.3049, 5.7474



1.2238, 0.6192, 0.5875

Previews

White Background



This preview shows how the XYZ color 32.3430, 17.3213, 14.7354 looks on a white background.

Color Contrast Check

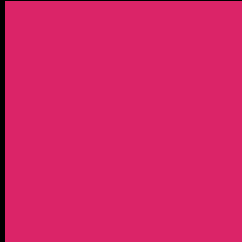
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.3430, 17.3213, 14.7354 looks on a 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 32.3430, 17.3213, 14.7354

Background



This preview shows how black text looks on a background with the XYZ color 32.3430, 17.3213, 14.7354.



This preview shows how white text looks on a background with the XYZ color 32.3430, 17.3213,

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

32.3430, 17.3213, 14.7354

Protanopia

17.5482, 17.5570, 29.2520

Deuteranopia

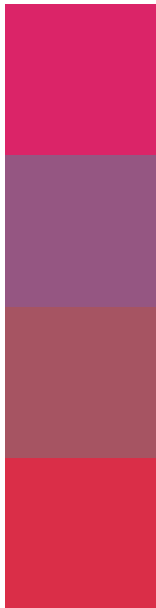
17.8514, 17.5655, 13.2761



Tritanopia

30.4859, 17.4647, 5.1324

Trichromacy



Original Color

32.3430, 17.3213, 14.7354

Protanomaly

19.7515, 14.6568, 22.9071

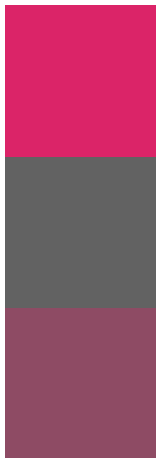
Deuteranomaly

21.1008, 15.3295, 13.4020

Tritanomaly

31.0601, 17.3273, 7.8383

Monochromacy



Original Color

32.3430, 17.3213, 14.7354

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

15.9717, 11.7030, 13.4737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3430, 17.3213, 14.7354 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(219, 36, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 36, 104)  
}
```

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(219, 36, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 36, 104) }
```

Border

The CSS property to change the border of an element to XYZ 32.3430, 17.3213, 14.7354 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(219, 36, 104) }
```


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

```
.border{ border-color:rgb(219, 36, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 36, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 36, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 36, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 36,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3430, 17.3213, 14.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 36, 104) }
```

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

```
.background{ background-color: rgb(219, 36,  
104) }
```

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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