

Converting Colors

XYZ(32.0361, 20.0860, 14.2451)

Have a look what the booklet for
XYZ(32.0361, 20.0860, 14.2451)
contains.

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Color

**XYZ(32.0361, 20.0860,
14.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	D44C64
RGB	212, 76, 100
RGB Percent	83%, 30%, 39%
CMY	0.1686, 0.7019, 0.6078
CMYK	0.00, 0.64, 0.53, 0.17
HSL	349°, 61%, 56%
HSV	349°, 64%, 83%
XYZ	32.0361, 20.0860, 14.2451
YIQ	119.4000, 73.3520, 36.2960

Conversions

Conversions Part 2

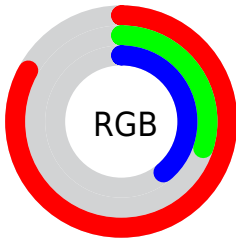
Format	Color
RYB	212, 76, 100
Decimal	13913188
CIELab	51.93, 55.15, 15.60
CIElCh	52, 57.309, 15.793
Yxy	20.0860, 0.4827, 0.3026
Android (android.graphics.Color)	4292103268 (0xFFD44C64)
YUV	119.4000, -9.5642, 81.2102
Hunter-Lab	44.8174, 49.1638, 12.5270

Details

The XYZ color **32.0361, 20.0860, 14.2451** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **35.6024, 52.2549, 55.7907**, and the grayscale version is **17.6754, 18.5959, 20.2509**.

A 20% lighter version of the original color is **54.9422, 39.7270, 34.0505**, and **13.6799, 7.0720, 4.1340** is the 20% darker color. If you saturate the color by 10%, you get **30.0521, 17.3287, 9.8518**, and if you desaturate by 10%, it is **34.6833, 23.8801, 19.7532**.

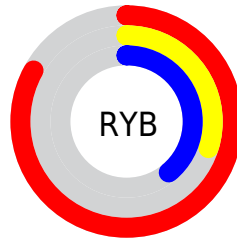
Distribution



Red (83%)

Green (30%)

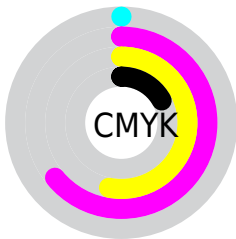
Blue (39%)



Red (83%)

Yellow (30%)

Blue (39%)

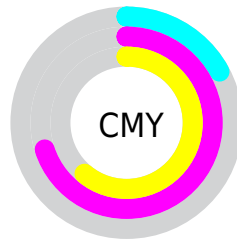


Cyan (0%)

Magenta (64%)

Yellow (53%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0361, 20.0860, 14.2451 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 32.0361, 20.0860, 14.2451 by changing the saturation by 10% instead.


 32.0361, 20.0860,
14.2451


 32.0361, 20.0860,
14.2451


303.0260,
252.3803, 230.2315


 21.5448, 12.4576,
8.1506


 62.2325, 43.5613,
34.2467


 13.6375, 7.0561,
4.1023


 82.6682, 60.1770,
48.9908


 7.9490, 3.4972,
1.6817

 107.1495, 80.5572,
67.4553

 4.1139, 1.3965,
0.3481

 136.0417,
105.0864, 90.0587

 1.7667, 0.2141,
0.0000

 169.7100,
134.1489, 117.2194

 0.4975, 0.0000,
0.0000

208.5200,

 0.0000, 0.0000,

168.1291, 149.3561

0.0000

252.8369,
207.4114, 186.8873

■ 32.0361, 20.0860,
14.2451

■ 32.0361, 20.0860,
14.2451

■ 30.0521, 17.3287,
9.8518

■ 34.6833, 23.8801,
19.7532

■ 28.6687, 15.5014,
6.4944

■ 38.0455, 28.7972,
26.4454

■ 27.8135, 14.4803,
4.0846

■ 42.1709, 34.9183,
34.3864

■ 27.4916, 14.1331,
3.0626

■ 47.1032, 42.3159,
43.6358

■ 52.8826, 51.0568,
54.2496

■ 59.5468, 61.2033,
66.2802

■ 67.1309, 72.8135,
79.7773

■ 75.6684, 85.9424,
94.7882

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



32.1496, 20.0860, 30.7332



32.0361, 20.0860, 14.2451



28.0219, 20.0860, 5.9859

Triad

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



32.0361, 20.0860, 14.2451



12.1306, 20.0860, 6.2546



16.4701, 20.0860, 70.0858

Complementary

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



32.0361, 20.0860, 14.2451



35.6024, 52.2549, 55.7907

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.



12.2935, 20.0860, 53.8965



32.0361, 20.0860, 14.2451



10.1560, 20.0860, 14.8996

Square

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



32.0361, 20.0860, 14.2451



16.2001, 20.0860, 3.2409



10.2088, 20.0860, 31.8223



22.3072, 20.0860, 69.5872

Rectangle

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



32.0361, 20.0860, 14.2451



24.0661, 20.0860, 3.7133



10.2088, 20.0860, 31.8223



14.8539, 20.0860, 66.1599

Sweetspot

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



32.0366, 20.0871, 14.2454



75.7223, 70.5792, 73.9881



34.9788, 20.4968, 64.4000



15.6769, 14.3050, 14.8588



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.



32.0366, 20.0871, 14.2454



44.7748, 25.1476, 12.9178



35.0615, 27.7297, 10.3434



12.5118, 12.4562, 13.3694



16.9981, 8.7356, 2.0281



1.0529, 0.5379, 0.2680

Inverse Universe

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



32.0366, 20.0871, 14.2454



44.7748, 25.1476, 12.9178



29.0408, 34.6423, 67.4433



12.5118, 12.4562, 13.3694



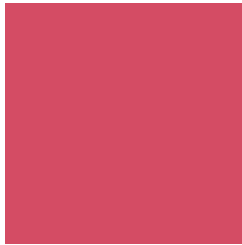
16.9981, 8.7356, 2.0281



1.0529, 0.5379, 0.2680

Previews

White Background



This preview shows how the XYZ color 32.0361, 20.0860, 14.2451 looks on a white background.

Color Contrast Check

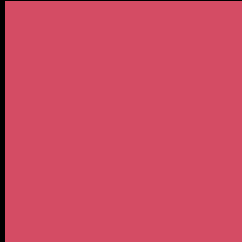
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0361, 20.0860, 14.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

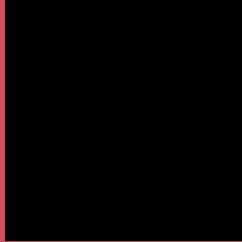
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0361, 20.0860, 14.2451

Background



This preview shows how black text looks on a background with the XYZ color 32.0361, 20.0860, 14.2451.



This preview shows how white text looks on a background with the XYZ color 32.0361, 20.0860,

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

32.0361, 20.0860, 14.2451

Protanopia

19.5981, 20.3826, 21.9701

Deuteranopia

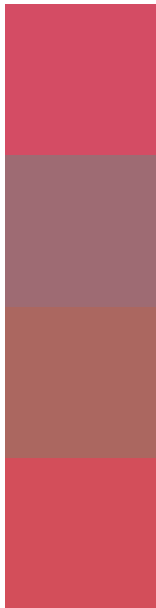
20.6052, 20.1870, 13.1664



Tritanopia

31.2602, 20.0809, 10.6159

Trichromacy



Original Color

32.0361, 20.0860, 14.2451

Protanomaly

22.4528, 19.0223, 18.7079

Deuteranomaly

23.7562, 19.2030, 13.5208

Tritanomaly

31.4338, 20.0358, 11.8834

Monochromacy



Original Color

32.0361, 20.0860, 14.2451

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.9117, 17.6427, 17.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0361, 20.0860, 14.2451 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(212, 76, 100)` looks like.

```
.text, #text, p{  
    color:rgb(212, 76, 100)  
}
```

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(212, 76, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 76, 100) }
```

Border

The CSS property to change the border of an element to XYZ 32.0361, 20.0860, 14.2451 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(212, 76, 100) }
```


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

```
.border{ border-color:rgb(212, 76, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 76, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 76, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 76, 100);  
box-shadow:4px 4px 4px 4px rgb(212, 76,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0361, 20.0860, 14.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 76, 100) }
```

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

```
.background{ background-color: rgb(212, 76,  
100) }
```

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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