

Converting Colors

XYZ(24.9506, 14.0887, 14.2363)

Have a look what the booklet for
XYZ(24.9506, 14.0887, 14.2363)
contains.

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Color

**XYZ(24.9506, 14.0887,
14.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	BF2F67
RGB	191, 47, 103
RGB Percent	75%, 18%, 40%
CMY	0.2510, 0.8156, 0.5961
CMYK	0.00, 0.75, 0.46, 0.25
HSL	337°, 60%, 47%
HSV	337°, 75%, 75%
XYZ	24.9506, 14.0887, 14.2363
YIQ	96.4400, 67.8480, 47.9440

Conversions

Conversions Part 2

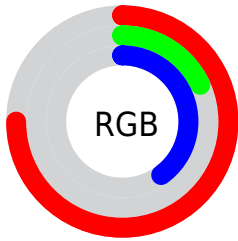
Format	Color
R_{YB}	191, 47, 103
Decimal	12529511
CIE Lab	44.36, 59.98, 2.56
CIE LCh	44, 60.031, 2.443
Yxy	14.0887, 0.4683, 0.2644
Android (android.graphics.Color)	4290719591 (0xFFBF2F67)
YUV	96.4400, 3.2341, 82.9291
Hunter-Lab	37.5349, 52.9683, 3.7868

Details

The XYZ color **24.9506, 14.0887, 14.2363** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.1774, 39.6157, 29.2977**, and the grayscale version is **11.2071, 11.7907, 12.8401**.

A 20% lighter version of the original color is **51.1317, 33.3366, 34.3115**, and **10.2295, 5.1911, 4.2042** is the 20% darker color. If you saturate the color by 10%, you get **23.8015, 12.6636, 11.1616**, and if you desaturate by 10%, it is **26.5163, 16.2160, 17.8537**.

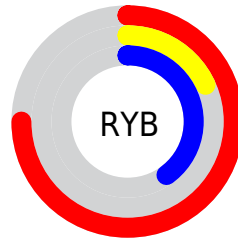
Distribution



Red (75%)

Green (18%)

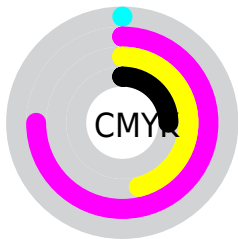
Blue (40%)



Red (75%)

Yellow (18%)

Blue (40%)

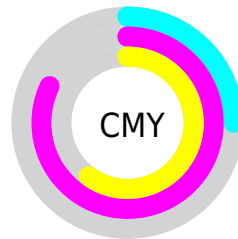


Cyan (0%)

Magenta (75%)

Yellow (46%)

Black (25%)



Cyan (25%)

Magenta (82%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9506, 14.0887, 14.2363 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 24.9506, 14.0887, 14.2363 by changing the saturation by 10% instead.


 24.9506, 14.0887,
14.2363


 24.9506, 14.0887,
14.2363


269.9440,
217.7819, 230.1753


 16.1688, 8.1824,
8.1446


 51.0205, 33.2463,
34.2309


 9.7353, 4.2119,
4.0985


 69.0394, 47.2664,
48.9708


 5.2847, 1.7928,
1.6795

 90.8679, 64.7599,
67.4305

 2.4517, 0.4827,
0.3467

 116.8716, 86.1112,
90.0286

 0.8710, 0.0000,
0.0000

 147.4157,
111.7046, 117.1836

 0.0000, 0.0000,
0.0000

 182.8655,

141.9246, 149.3140

223.5865,
177.1556, 186.8384

■ 24.9506, 14.0887,
14.2363

■ 24.9506, 14.0887,
14.2363

■ 23.8015, 12.6636,
11.1616

■ 26.5163, 16.2160,
17.8537

■ 23.0167, 11.8417,
8.5952

■ 28.5392, 19.1218,
22.0427

■ 22.7310, 11.5744,
7.5624

■ 31.0563, 22.8751,
26.8306

■ 34.1001, 27.5364,
32.2422

■ 37.7003, 33.1607,
38.3010

■ 41.8842, 39.7985,
45.0290

■ 46.6774, 47.4970,
52.4470

■ 52.1038, 56.3001,
60.5751

■ 58.1862, 66.2495,
69.4322

Harmonies

Analogous

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



23.4041, 14.0887, 31.1904



24.9506, 14.0887, 14.2363



22.8356, 14.0887, 5.0515

Triad

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



24.9506, 14.0887, 14.2363



9.0084, 14.0887, 2.0733



9.5441, 14.0887, 52.9621

Complementary

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



24.9506, 14.0887, 14.2363



24.1774, 39.6157, 29.2977

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.



6.9927, 14.0887, 34.4427



24.9506, 14.0887, 14.2363



6.7396, 14.0887, 6.0448

Square

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



24.9506, 14.0887, 14.2363



12.9997, 14.0887, 1.1667



6.1009, 14.0887, 16.4997



13.7899, 14.0887, 60.0840

Rectangle

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



24.9506, 14.0887, 14.2363



19.8729, 14.0887, 2.4521



6.1009, 14.0887, 16.4997



8.4982, 14.0887, 47.4750

Sweetspot

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



24.9510, 14.0895, 14.2365



68.9516, 61.6470, 70.9374



20.1577, 10.8149, 50.3153



14.5801, 12.6532, 14.6559



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9510, 14.0895, 14.2365



41.7090, 21.6761, 17.1108



23.6898, 14.6630, 4.2721



9.6796, 9.5961, 10.7019



14.9754, 7.6213, 5.1643



0.6188, 0.3114, 0.3721

Inverse Universe

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



24.9510, 14.0895, 14.2365



41.7090, 21.6761, 17.1108



26.2202, 35.6531, 54.7900



9.6796, 9.5961, 10.7019



14.9754, 7.6213, 5.1643



0.6188, 0.3114, 0.3721

Previews

White Background



This preview shows how the XYZ color 24.9506, 14.0887, 14.2363 looks on a white background.

Color Contrast Check

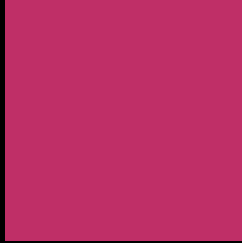
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9506, 14.0887, 14.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

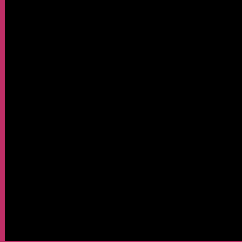
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.9506, 14.0887, 14.2363

Background



This preview shows how black text looks on a background with the XYZ color 24.9506, 14.0887, 14.2363.



This preview shows how white text looks on a background with the XYZ color 24.9506, 14.0887,

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

24.9506, 14.0887, 14.2363

Protanopia

14.4967, 14.4507, 25.6921

Deuteranopia

14.6084, 14.3403, 13.0643



Tritanopia

23.3416, 14.1819, 5.9220

Trichromacy



Original Color

24.9506, 14.0887, 14.2363

Protanomaly

16.2321, 12.6466, 20.9876

Deuteranomaly

17.1235, 13.0464, 13.4201

Tritanomaly

23.8589, 14.1073, 8.3030

Monochromacy



Original Color

24.9506, 14.0887, 14.2363

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

14.3366, 11.1749, 13.2057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9506, 14.0887, 14.2363 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(191, 47, 103)` looks like.

```
.text, #text, p{  
    color:rgb(191, 47, 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(191, 47, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 47, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.9506, 14.0887, 14.2363 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(191, 47, 103) }
```


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

```
.border{ border-color:rgb(191, 47, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 47, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 47, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 47, 103);  
box-shadow:4px 4px 4px 4px rgb(191, 47,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9506, 14.0887, 14.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 47, 103) }
```

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

```
.background{ background-color: rgb(191, 47,  
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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