

Converting Colors

XYZ(26.2189, 15.2612, 21.4096)

Have a look what the booklet for
XYZ(26.2189, 15.2612, 21.4096)
contains.

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Color

**XYZ(26.2153, 15.2514,
21.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	BD397E
RGB	189, 57, 126
RGB Percent	74%, 22%, 49%
CMY	0.2588, 0.7764, 0.5059
CMYK	0.00, 0.70, 0.33, 0.26
HSL	329°, 54%, 48%
HSV	329°, 70%, 74%
XYZ	26.2153, 15.2514, 21.3008
YIQ	104.3340, 56.5230, 49.4430

Conversions

Conversions Part 2

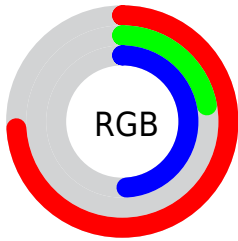
Format	Color
R_{YB}	189, 57, 126
Decimal	12401022
CIE _{Lab}	45.98, 58.33, -9.25
CIE _{LCh}	46, 59.056, 350.992
Yxy	15.2514, 0.4177, 0.2430
Android (android.graphics.Color)	4290591102 (0xFFBD397E)
YUV	104.3340, 10.6813, 74.2521
Hunter-Lab	39.0530, 51.4796, -5.0016

Details

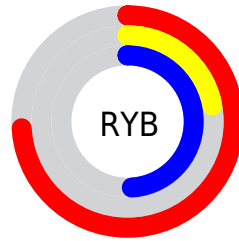
The XYZ color **26.2153, 15.2514, 21.3008** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **23.2760, 38.6216, 23.9996**, and the grayscale version is **13.2100, 13.8980, 15.1349**.

A 20% lighter version of the original color is **53.2209, 35.4290, 46.6813**, and **10.6996, 5.3611, 7.4920** is the 20% darker color. If you saturate the color by 10%, you get **24.8926, 13.4958, 18.1163**, and if you desaturate by 10%, it is **27.9391, 17.7249, 24.8783**.

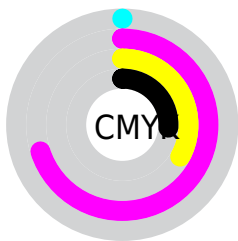
Distribution



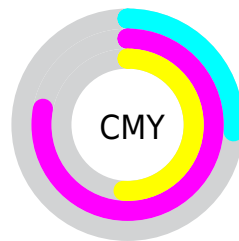
- Red (74%)
- Green (22%)
- Blue (49%)



- Red (74%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (33%)
- Black (26%)



- Cyan (26%)
- Magenta (78%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2153, 15.2514, 21.3008 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 26.2153, 15.2514, 21.3008 by changing the saturation by 10% instead.

■ 26.2153, 15.2514,
21.3008

■ 26.2153, 15.2514,
21.3008

276.0747,
224.8829, 271.7061

■ 17.1183, 8.9960,
13.1507

■ 53.0509, 35.2936,
46.4749

■ 10.4147, 4.7386,
7.4004

■ 71.5202, 49.8492,
64.3359

■ 5.7391, 2.0947,
3.6315

■ 93.8444, 67.9404,
86.2710

■ 2.7263, 0.6616,
1.4255

■ 120.3887, 89.9514,
112.6987

■ 1.0107, 0.0000,
0.1615

■ 151.5185,
116.2668, 144.0375

■ 0.0000, 0.0000,
0.0000

187.5992,

147.2709, 180.7060

228.9962,
183.3482, 223.1227

■ 26.2153, 15.2514,
21.3008

■ 26.2153, 15.2514,
21.3008

■ 24.8926, 13.4958,
18.1163

■ 27.9391, 17.7249,
24.8783

■ 23.9273, 12.3735,
15.3030

■ 30.0985, 20.9835,
28.8664

■ 23.2388, 11.7252,
12.8271

■ 32.7257, 25.0896,
33.2823

■ 23.2285, 11.7157,
12.7891

■ 35.8493, 30.0983,
38.1417

■ 39.4955, 36.0601,
43.4593

■ 43.6887, 43.0218,
49.2488

■ 48.4514, 51.0270,
55.5233

■ 53.8053, 60.1169,
62.2955

■ 59.7705, 70.3302,
69.5774

Harmonies

Analogous

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



23.3233, 15.2514, 40.6638



26.2153, 15.2514, 21.3008



25.4517, 15.2514, 8.5667

Triad

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



26.2153, 15.2514, 21.3008



11.3175, 15.2514, 1.8829



9.2478, 15.2514, 48.5046

Complementary

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



26.2153, 15.2514, 21.3008



23.2760, 38.6216, 23.9996

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.



7.2454, 15.2514, 28.5514



26.2153, 15.2514, 21.3008



8.2353, 15.2514, 4.6056

Square

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



26.2153, 15.2514, 21.3008



16.0539, 15.2514, 1.5555



6.9231, 15.2514, 12.6576



13.0423, 15.2514, 61.3443

Rectangle

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



26.2153, 15.2514, 21.3008



23.0306, 15.2514, 4.3019



6.9231, 15.2514, 12.6576



8.3830, 15.2514, 42.0054

Sweetspot

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



26.2157, 15.2522, 21.3011



69.6963, 62.8713, 76.3550



18.2024, 10.4951, 49.2106



14.5885, 12.8649, 15.8444



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.2157, 15.2522, 21.3011



43.5567, 22.9343, 29.5920



23.3031, 14.0872, 5.9635



9.7328, 9.6174, 10.9821



15.6677, 7.8982, 8.8095



0.6466, 0.3225, 0.5182

Inverse Universe

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



26.2157, 15.2522, 21.3011



43.5567, 22.9343, 29.5920



28.6002, 40.7513, 52.0365



9.7328, 9.6174, 10.9821



15.6677, 7.8982, 8.8095



0.6466, 0.3225, 0.5182

Previews

White Background



This preview shows how the XYZ color 26.2153, 15.2514, 21.3008 looks on a white background.

Color Contrast Check

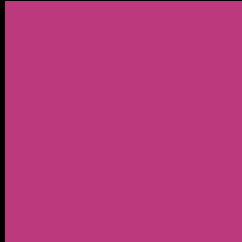
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2153, 15.2514, 21.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

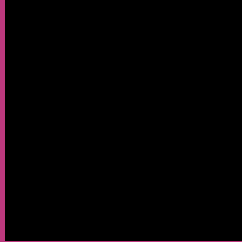
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2153, 15.2514, 21.3008

Background



This preview shows how black text looks on a background with the XYZ color 26.2153, 15.2514, 21.3008.



This preview shows how white text looks on a background with the XYZ color 26.2153, 15.2514,

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

26.2153, 15.2514, 21.3008

Protanopia

16.2092, 15.5736, 35.8699

Deuteranopia

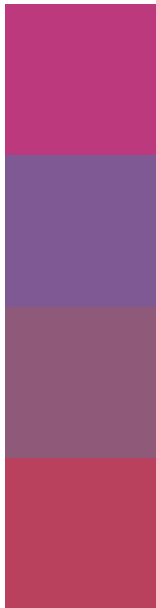
15.7899, 15.5603, 19.6240



Tritanopia

23.4677, 15.2026, 8.3541

Trichromacy



Original Color

26.2153, 15.2514, 21.3008

Protanomaly

17.6701, 13.7949, 29.7483

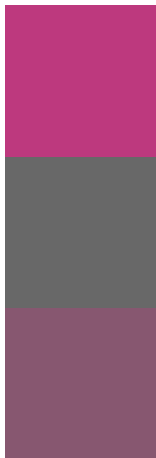
Deuteranomaly

18.4129, 14.3895, 20.2193

Tritanomaly

24.1604, 15.0278, 12.2169

Monochromacy



Original Color

26.2153, 15.2514, 21.3008

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.3245, 13.1371, 17.0046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2153, 15.2514, 21.3008 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(189, 57, 126)` looks like.

```
.text, #text, p{  
    color:rgb(189, 57, 126)  
}
```

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(189, 57, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 57, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.2153, 15.2514, 21.3008 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(189, 57, 126) }
```


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

```
.border{ border-color:rgb(189, 57, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 57, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 57, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 57, 126);  
box-shadow:4px 4px 4px 4px rgb(189, 57,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2153, 15.2514, 21.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 57, 126) }
```

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

```
.background{ background-color: rgb(189, 57,  
126) }
```

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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