

Converting Colors

XYZ(26.2462, 14.4197, 5.0245)

Have a look what the booklet for
XYZ(26.2462, 14.4197, 5.0245)
contains.

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Color

**XYZ(26.2530, 14.4363,
5.0172)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2537
RGB	204, 37, 55
RGB Percent	80%, 15%, 22%
CMY	0.2000, 0.8548, 0.7843
CMYK	0.00, 0.82, 0.73, 0.20
HSL	354°, 69%, 47%
HSV	354°, 82%, 80%
XYZ	26.2530, 14.4363, 5.0172
YIQ	88.9850, 93.7540, 41.0020

Conversions

Conversions Part 2

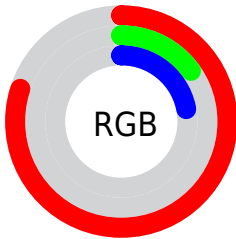
Format	Color
RYB	204, 37, 55
Decimal	13378871
CIELab	44.85, 63.33, 33.22
CIElCh	45, 71.512, 27.676
Yxy	14.4363, 0.5744, 0.3158
Android (android.graphics.Color)	4291568951 (0xFFCC2537)
YUV	88.9850, -16.7546, 100.8682
Hunter-Lab	37.9951, 56.8443, 18.7674

Details

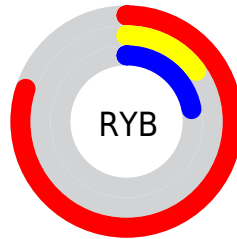
The XYZ color **26.2530, 14.4363, 5.0172** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **31.2206, 47.1249, 53.9126**, and the grayscale version is **9.5150, 10.0105, 10.9014**.

A 20% lighter version of the original color is **48.1954, 31.3337, 16.0782**, and **11.0572, 5.6918, 0.8966** is the 20% darker color. If you saturate the color by 10%, you get **25.4270, 13.3587, 2.9720**, and if you desaturate by 10%, it is **27.5948, 16.2885, 8.0282**.

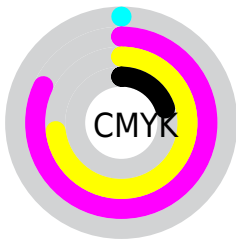
Distribution



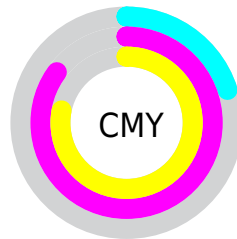
- Red (80%)
- Green (15%)
- Blue (22%)



- Red (80%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (73%)
- Black (20%)





- Cyan (20%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2530, 14.4363, 5.0172 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 26.2530, 14.4363, 5.0172 by changing the saturation by 10% instead.


 26.2530, 14.4363,
5.0172


 26.2530, 14.4363,
5.0172


276.2558,
219.9284, 158.9373


 17.1467, 8.4247,
2.1984


 53.1112, 33.8612,
16.2950


 10.4351, 4.3679,
0.6735


 71.5938, 48.0433,
25.5912


 5.7528, 1.8814,
0.0000

 93.9326, 65.7178,
37.8835

 2.7346, 0.5372,
0.0000

 120.4928, 87.2689,
53.5906

 1.0150, 0.0000,
0.0000

 151.6399,
113.0812, 73.1310

 0.0000, 0.0000,
0.0000

 187.7392,

143.5389, 96.9232

229.1560,
179.0265, 125.3858

■ 26.2530, 14.4363,
5.0172

■ 26.2530, 14.4363,
5.0172

■ 25.4270, 13.3587,
2.9720

■ 27.5948, 16.2885,
8.0282

■ 25.0463, 12.8951,
1.9266

■ 29.5188, 19.0221,
12.1053

■ 32.0827, 22.7301,
17.3367

■ 35.3366, 27.4929,
23.8012

■ 39.3258, 33.3825,
31.5705

■ 44.0916, 40.4645,
40.7111

■ 49.6724, 48.7996,
51.2847

■ 56.1038, 58.4444,
63.3494

■ 63.4195, 69.4519,
76.9599

Harmonies

Analogous

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



28.2672, 14.4363, 17.0582



26.2530, 14.4363, 5.0172



20.6395, 14.4363, 1.1983

Triad

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



26.2530, 14.4363, 5.0172



6.2546, 14.4363, 4.0351



13.2713, 14.4363, 74.6711

Complementary

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



26.2530, 14.4363, 5.0172



31.2206, 47.1249, 53.9126

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.



8.5527, 14.4363, 61.5277



26.2530, 14.4363, 5.0172



5.2850, 14.4363, 14.4512

Square

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



26.2530, 14.4363, 5.0172



9.1407, 14.4363, 0.9789



5.9890, 14.4363, 35.8729



19.6221, 14.4363, 64.8214

Rectangle

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



26.2530, 14.4363, 5.0172



16.2587, 14.4363, 0.5220



5.9890, 14.4363, 35.8729



11.4626, 14.4363, 72.6710

Sweetspot

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



26.2533, 14.4372, 5.0174



70.1318, 62.7133, 61.9050



31.4525, 15.9381, 58.5451



14.4125, 12.5338, 12.1017



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.



26.2533, 14.4372, 5.0174



41.5563, 21.4751, 3.3225



29.8920, 22.2833, 4.4771



11.2606, 11.2330, 11.9071



15.7815, 8.1232, 1.3021



0.8311, 0.4259, 0.1567

Inverse Universe

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



26.2533, 14.4372, 5.0174



41.5563, 21.4751, 3.3225



21.0389, 23.5060, 60.5547



11.2606, 11.2330, 11.9071



15.7815, 8.1232, 1.3021



0.8311, 0.4259, 0.1567

Previews

White Background



This preview shows how the XYZ color 26.2530, 14.4363, 5.0172 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 26.2530, 14.4363, 5.0172 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 26.2530, 14.4363, 5.0172

Background



This preview shows how black text looks on a background with the XYZ color 26.2530, 14.4363, 5.0172.



This preview shows how white text looks on a background with the XYZ color 26.2530, 14.4363,

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

26.2530, 14.4363, 5.0172

Protanopia

13.7031, 14.7103, 9.3249

Deuteranopia

14.8979, 14.6787, 4.5307



Tritanopia

26.0436, 14.5082, 3.4352

Trichromacy



Original Color

26.2530, 14.4363, 5.0172

Protanomaly

16.1554, 12.6798, 7.3903

Deuteranomaly

17.5768, 13.0415, 4.4966

Tritanomaly

26.1010, 14.4779, 3.9015

Monochromacy



Original Color

26.2530, 14.4363, 5.0172

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

12.8898, 9.7414, 8.2221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2530, 14.4363, 5.0172 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, 37, 55)` looks like.

```
.text, #text, p{  
    color:rgb(204, 37, 55)  
}
```

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, 37, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 37, 55) }
```

Border

The CSS property to change the border of an element to XYZ 26.2530, 14.4363, 5.0172 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, 37, 55) }
```


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

```
.border{ border-color:rgb(204, 37, 55) }
```

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

Here you see how a box with a 4 pixel rgb(204, 37, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 37, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 37, 55);  
box-shadow:4px 4px 4px 4px rgb(204, 37,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2530, 14.4363, 5.0172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 37, 55) }
```

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

```
.background{ background-color: rgb(204, 37,  
55) }
```

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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