

Converting Colors

XYZ(27.5845, 15.1655, 7.9953)

Have a look what the booklet for
XYZ(27.5845, 15.1655, 7.9953)
contains.

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Color

**XYZ(27.6937, 15.2108,
7.9549)**

Conversions

Conversions Part 1

Format	Color
Hex	CF274A
RGB	207, 39, 74
RGB Percent	81%, 15%, 29%
CMY	0.1882, 0.8470, 0.7098
CMYK	0.00, 0.81, 0.64, 0.19
HSL	348°, 68%, 48%
HSV	348°, 81%, 81%
XYZ	27.6937, 15.2108, 7.9549
YIQ	93.2220, 88.8930, 46.5010

Conversions

Conversions Part 2

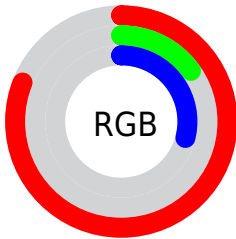
Format	Color
R_{YB}	207, 39, 74
Decimal	13576010
CIE _{Lab}	45.92, 64.57, 23.15
CIE _{LCh}	46, 68.597, 19.725
Yxy	15.2108, 0.5445, 0.2991
Android (android.graphics.Color)	4291766090 (0xFFCF274A)
YUV	93.2220, -9.4764, 99.7833
Hunter-Lab	39.0010, 58.4968, 15.2075

Details

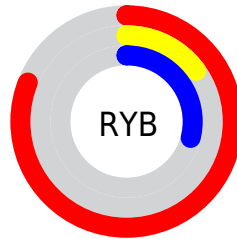
The XYZ color **27.6937, 15.2108, 7.9549** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **30.5976, 48.0362, 46.6956**, and the grayscale version is **10.4646, 11.0096, 11.9895**.

A 20% lighter version of the original color is **49.5042, 32.1679, 22.0122**, and **11.9244, 6.1187, 1.8489** is the 20% darker color. If you saturate the color by 10%, you get **26.7073, 14.0098, 5.2479**, and if you desaturate by 10%, it is **29.1950, 17.2120, 11.5434**.

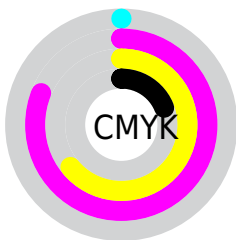
Distribution



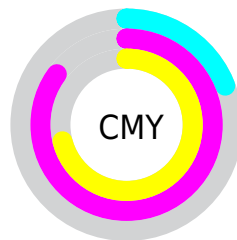
- Red (81%)
- Green (15%)
- Blue (29%)



- Red (81%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6937, 15.2108, 7.9549 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 27.6937, 15.2108, 7.9549 by changing the saturation by 10% instead.


 27.6937, 15.2108,
7.9549


 27.6937, 15.2108,
7.9549


283.1071,
224.6386, 185.2992


 18.2342, 8.9675,
3.9787


 55.4071, 35.2226,
22.4147


 11.2189, 4.7200,
1.6137


 74.3917, 49.7598,
33.7354

 6.2827, 2.0839,
0.3006


 97.2820, 67.8304,
48.3414

 3.0600, 0.6556,
0.0000

 124.4435, 89.8189,
66.6512

 1.1856, 0.0000,
0.0000

 156.2413,
116.1095, 89.0833

 0.0949, 0.0000,
0.0000

 193.0410,

 0.0000, 0.0000,

147.0867, 116.0563

0.0000

235.2078,
183.1350, 147.9888

■ 27.6937, 15.2108,
7.9549

■ 27.6937, 15.2108,
7.9549

■ 26.7073, 14.0098,
5.2479

■ 29.1950, 17.2120,
11.5434

■ 26.1701, 13.4406,
3.5113

■ 31.2733, 20.1203,
16.0840

■ 33.9824, 24.0290,
21.6406

■ 37.3696, 29.0191,
28.2710

■ 41.4777, 35.1630,
36.0287

■ 46.3456, 42.5270,
44.9634

■ 52.0097, 51.1725,
55.1220

■ 58.5038, 61.1565,
66.5485

■ 65.8599, 72.5326,
79.2849

Harmonies

Analogous

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



28.4333, 15.2108, 22.9339



27.6937, 15.2108, 7.9549



22.9271, 15.2108, 2.1942

Triad

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



27.6937, 15.2108, 7.9549



7.5114, 15.2108, 3.3096



12.5589, 15.2108, 72.0193

Complementary

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



27.6937, 15.2108, 7.9549



30.5976, 48.0362, 46.6956

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.



8.3823, 15.2108, 54.8099



27.6937, 15.2108, 7.9549



6.0290, 15.2108, 11.4953

Square

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



27.6937, 15.2108, 7.9549



11.0121, 15.2108, 1.0221



6.2982, 15.2108, 29.8422



18.5554, 15.2108, 68.4532

Rectangle

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



27.6937, 15.2108, 7.9549



18.6744, 15.2108, 1.0385



6.2982, 15.2108, 29.8422



10.9285, 15.2108, 68.1837

Sweetspot

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



27.6941, 15.2117, 7.9551



71.6944, 64.2374, 67.3613



28.6966, 14.5703, 60.3312



14.7429, 12.8378, 13.3122



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.



27.6941, 15.2117, 7.9551



42.1168, 21.7436, 6.1374



29.4752, 20.1653, 4.2594



11.9080, 11.8479, 12.7915



16.5165, 8.4795, 2.3603



0.9530, 0.4859, 0.2876

Inverse Universe

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



27.6941, 15.2117, 7.9551



42.1168, 21.7436, 6.1374



24.5673, 29.8719, 63.5023



11.9080, 11.8479, 12.7915



16.5165, 8.4795, 2.3603



0.9530, 0.4859, 0.2876

Previews

White Background



This preview shows how the XYZ color 27.6937, 15.2108, 7.9549 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 27.6937, 15.2108, 7.9549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

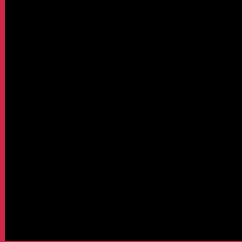
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.6937, 15.2108, 7.9549

Background



This preview shows how black text looks on a background with the XYZ color 27.6937, 15.2108, 7.9549.



This preview shows how white text looks on a background with the XYZ color 27.6937, 15.2108,

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

27.6937, 15.2108, 7.9549

Protanopia

14.7269, 15.4273, 15.0335

Deuteranopia

15.6786, 15.4713, 7.1609



Tritanopia

26.8851, 15.1958, 4.1009

Trichromacy



Original Color

27.6937, 15.2108, 7.9549

Protanomaly

17.1347, 13.3164, 11.7924

Deuteranomaly

18.4830, 13.7758, 7.1537

Tritanomaly

27.0313, 15.1351, 5.2380

Monochromacy



Original Color

27.6937, 15.2108, 7.9549

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.8938, 10.5053, 10.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6937, 15.2108, 7.9549 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(207, 39, 74)` looks like.

```
.text, #text, p{  
    color:rgb(207, 39, 74)  
}
```

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(207, 39, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 39, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.6937, 15.2108, 7.9549 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(207, 39, 74) }
```


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

```
.border{ border-color:rgb(207, 39, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 39, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 39, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 39, 74);  
box-shadow:4px 4px 4px 4px rgb(207, 39,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6937, 15.2108, 7.9549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 39, 74) }
```

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

```
.background{ background-color: rgb(207, 39,  
74) }
```

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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