

Converting Colors

XYZ(26.9641, 14.8294, 2.1721)

Have a look what the booklet for
XYZ(26.9641, 14.8294, 2.1721)
contains.

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Color

**XYZ(27.0607, 14.8712,
2.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	D12415
RGB	209, 36, 21
RGB Percent	82%, 14%, 8%
CMY	0.1804, 0.8588, 0.9176
CMYK	0.00, 0.83, 0.90, 0.18
HSL	5°, 82%, 45%
HSV	5°, 90%, 82%
XYZ	27.0607, 14.8712, 2.1536
YIQ	86.0170, 107.9230, 32.0110

Conversions

Conversions Part 2

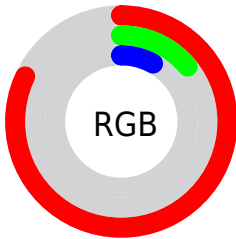
Format	Color
RYB	209, 37, 21
Decimal	13706261
CIELab	45.46, 64.03, 51.87
CIElCh	45, 82.404, 39.013
Yxy	14.8712, 0.6138, 0.3373
Android (android.graphics.Color)	4291896341 (0xFFD12415)
YUV	86.0170, -32.0534, 107.8561
Hunter-Lab	38.5632, 57.7721, 23.6831

Details

The XYZ color **27.0607, 14.8712, 2.1536** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **31.1056, 43.3384, 67.0468**, and the grayscale version is **8.9005, 9.3640, 10.1974**.

A 20% lighter version of the original color is **46.8713, 30.8040, 9.1056**, and **11.6771, 6.0197, 0.5465** is the 20% darker color. If you saturate the color by 10%, you get **26.4920, 13.9497, 1.2992**, and if you desaturate by 10%, it is **28.0884, 16.4776, 3.8812**.

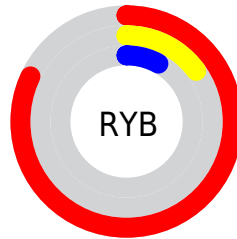
Distribution



Red (82%)

Green (14%)

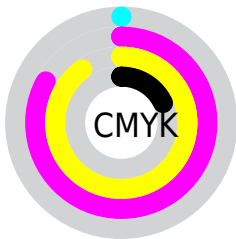
Blue (8%)



Red (82%)

Yellow (15%)

Blue (8%)

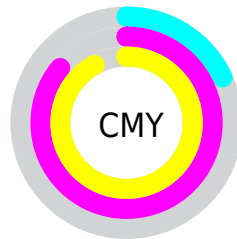


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (18%)



Cyan (18%)


Magenta (86%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0607, 14.8712, 2.1536 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 27.0607, 14.8712, 2.1536 by changing the saturation by 10% instead.

 27.0607, 14.8712,
2.1536


 27.0607, 14.8712,
2.1536


280.1131,
222.5853, 124.7180


 17.7556, 8.7290,
0.6474


 54.4005, 34.6271,
9.4566


 10.8733, 4.5649,
0.0000


 73.1659, 49.0096,
16.1240

 6.0484, 1.9943,
0.0000


 95.8154, 66.9076,
25.3600

 2.9155, 0.6042,
0.0000

 122.7145, 88.7057,
37.5831

 1.1092, 0.0000,
0.0000

 154.2285,
114.7880, 53.2119


 0.0328, 0.0000,
0.0000


 190.7226,


 0.0000, 0.0000,


145.5392, 72.6650


0.0000


 232.5624,
181.3435, 96.3609


 27.0607, 14.8712,
2.1536


 27.0607, 14.8712,
2.1536


 26.4920, 13.9497,
1.2992


 28.0884, 16.4776,
3.8812


 26.4900, 13.9467,
1.2958


 29.6667, 18.8735,
6.7527


 31.8596, 22.1443,
10.9211


 34.7219, 26.3636,
16.5156

 38.3022, 31.5972,
23.6500

 42.6448, 37.9052,
32.4262

 47.7902, 45.3427,
42.9378

 53.7762, 53.9613,
55.2710

 60.6381, 63.8094,
69.5066

Harmonies

Analogous

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



31.5749, 14.8712, 10.9657



27.0607, 14.8712, 2.1536



19.4048, 14.8712, 0.1005

Triad

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



27.0607, 14.8712, 2.1536



5.0496, 14.8712, 6.0808



16.3034, 14.8712, 89.4977

Complementary

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



27.0607, 14.8712, 2.1536



31.1056, 43.3384, 67.0468

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.



9.9171, 14.8712, 83.2720



27.0607, 14.8712, 2.1536



4.6995, 14.8712, 22.8607

Square

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



27.0607, 14.8712, 2.1536



7.3510, 14.8712, 1.0035



6.1631, 14.8712, 53.5145



24.1703, 14.8712, 66.8546

Rectangle

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



27.0607, 14.8712, 2.1536



14.3630, 14.8712, 0.0000



6.1631, 14.8712, 53.5145



13.9087, 14.8712, 90.9462

Sweetspot

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



27.0610, 14.8721, 2.1538



68.8917, 62.3572, 54.9432



36.5794, 18.0983, 54.0684



14.1878, 12.5392, 10.6252



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.



27.0610, 14.8721, 2.1538



41.4967, 21.7734, 2.0156



34.0880, 28.9261, 4.4961



11.8835, 11.9578, 12.2938



16.3621, 8.6571, 0.8086



0.9419, 0.5381, 0.0542

Inverse Universe

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



31.1056, 43.3384, 67.0468



47.6528, 66.4255, 104.9176



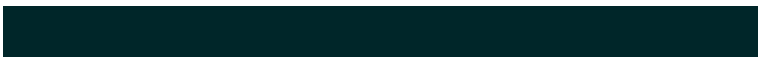
16.6151, 14.3575, 62.2166



12.0742, 13.2387, 15.1626



18.7933, 26.2333, 41.2655



1.0753, 1.5158, 2.3155

Previews

White Background



This preview shows how the XYZ color 27.0607, 14.8712, 2.1536 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 27.0607, 14.8712, 2.1536 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 27.0607, 14.8712, 2.1536

Background



This preview shows how black text looks on a background with the XYZ color 27.0607, 14.8712, 2.1536.



This preview shows how white text looks on a background with the XYZ color 27.0607, 14.8712,

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

27.0607, 14.8712, 2.1536

Protanopia

13.8286, 15.2084, 3.9569

Deuteranopia

15.1668, 15.0189, 2.0996



Tritanopia

27.1700, 14.8672, 2.8765

Trichromacy



Original Color

27.0607, 14.8712, 2.1536

Protanomaly

16.5910, 13.0035, 2.9318

Deuteranomaly

17.9441, 13.3960, 1.8697

Tritanomaly

27.1173, 14.8461, 2.5987

Monochromacy



Original Color

27.0607, 14.8712, 2.1536

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

12.2967, 9.3073, 5.7058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0607, 14.8712, 2.1536 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(209, 36, 21)` looks like.

```
.text, #text, p{  
    color:rgb(209, 36, 21)  
}
```

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(209, 36, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 36, 21) }
```

Border

The CSS property to change the border of an element to XYZ 27.0607, 14.8712, 2.1536 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(209, 36, 21) }
```


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

```
.border{ border-color:rgb(209, 36, 21) }
```

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

Here you see how a box with a 4 pixel rgb(209, 36, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 36, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 36, 21);  
box-shadow:4px 4px 4px 4px rgb(209, 36,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0607, 14.8712, 2.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 36, 21) }
```

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

```
.background{ background-color: rgb(209, 36,  
21) }
```

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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