

Converting Colors

XYZ(35.0709, 27.3087, 14.4890)

Have a look what the booklet for
XYZ(35.0709, 27.3087, 14.4890)
contains.

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Color

**XYZ(35.0510, 27.2687,
14.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	D27560
RGB	210, 117, 96
RGB Percent	82%, 46%, 38%
CMY	0.1765, 0.5412, 0.6235
CMYK	0.00, 0.44, 0.54, 0.18
HSL	11°, 56%, 60%
HSV	11°, 54%, 82%
XYZ	35.0510, 27.2687, 14.4823
YIQ	142.4130, 62.1690, 13.1850

Conversions

Conversions Part 2

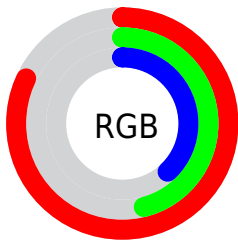
Format	Color
R_{YB}	210, 122, 96
Decimal	13792608
CIE _{Lab}	59.22, 34.32, 27.60
CIE _{LCh}	59, 44.044, 38.806
Yxy	27.2687, 0.4564, 0.3551
Android (android.graphics.Color)	4291982688 (0xFFD27560)
YUV	142.4130, -22.8816, 59.2738
Hunter-Lab	52.2194, 28.4297, 20.1104

Details

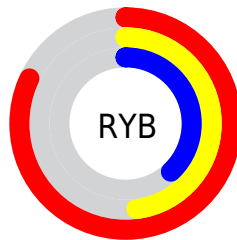
The XYZ color **35.0510, 27.2687, 14.4823** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6534, 43.5331, 67.5491**, and the grayscale version is **25.9462, 27.2974, 29.7269**.

A 20% lighter version of the original color is **60.8812, 52.1160, 34.4544**, and **15.2651, 10.6975, 4.1660** is the 20% darker color. If you saturate the color by 10%, you get **32.3936, 23.3001, 9.4468**, and if you desaturate by 10%, it is **38.3332, 32.0740, 21.0004**.

Distribution



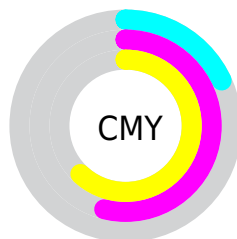
- Red (82%)
- Green (46%)
- Blue (38%)



- Red (82%)
- Yellow (48%)
- Blue (38%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (18%)





- Cyan (18%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0510, 27.2687, 14.4823 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 35.0510, 27.2687, 14.4823 by changing the saturation by 10% instead.


 35.0510, 27.2687,
14.4823


 35.0510, 27.2687,
14.4823


316.2975,
288.9558, 231.7428


 23.8689, 17.7751,
8.3143


 66.8983, 55.3147,
34.6717

 15.3606, 10.7887,
4.2061


 88.2941, 74.6360,
49.5303

 9.1608, 5.9249,
1.7391


 113.8252, 98.0020,
68.1227

 4.9042, 2.7995,
0.3873

 143.8570,
125.7970, 90.8676

 2.2253, 1.0280,
0.0000

178.7547,
158.4055, 118.1836

 0.7560, 0.0000,
0.0000

218.8838,

 0.0000, 0.0000,

196.2118, 150.4890

0.0000

264.6096,
239.6005, 188.2026

■ 35.0510, 27.2687,
14.4823

■ 35.0510, 27.2687,
14.4823

■ 32.3936, 23.3001,
9.4468

■ 38.3332, 32.0740,
21.0004

■ 30.3180, 20.1155,
5.7749

■ 42.2755, 37.7559,
29.1046

■ 28.7786, 17.6629,
3.3314

■ 46.9126, 44.3572,
38.8906

■ 27.7215, 15.8818,
1.9523

■ 52.2764, 51.9164,
50.4461

■ 27.2938, 15.1326,
1.4823

■ 58.3966, 60.4697,
63.8529

■ 65.3013, 70.0517,
79.1875

■ 73.0173, 80.6950,
96.5221

■ 80.0863, 91.8377,
108.1132

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



37.8197, 27.2687, 25.2966



35.0510, 27.2687, 14.4823



29.9272, 27.2687, 9.4751

Triad

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



35.0510, 27.2687, 14.4823



17.2648, 27.2687, 20.0427



27.5689, 27.2687, 70.7383

Complementary

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



35.0510, 27.2687, 14.4823



34.6534, 43.5331, 67.5491

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.



22.2840, 27.2687, 67.7673



35.0510, 27.2687, 14.4823



16.8188, 27.2687, 34.5668

Square

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



35.0510, 27.2687, 14.4823



19.8464, 27.2687, 11.8064



18.5278, 27.2687, 52.9687



33.1168, 27.2687, 60.0522

Rectangle

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



35.0510, 27.2687, 14.4823



26.1388, 27.2687, 8.5543



18.5278, 27.2687, 52.9687



25.6986, 27.2687, 71.3645

Sweetspot

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



35.0517, 27.2701, 14.4828



79.4495, 78.2179, 74.6625



39.9575, 25.7460, 51.0646



16.6241, 16.2054, 15.1562



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.



35.0517, 27.2701, 14.4828



49.7450, 35.3680, 13.7112



43.8065, 44.7798, 17.4011



11.9824, 12.1556, 12.3268



16.7026, 9.3383, 0.9221



0.9881, 0.6305, 0.0696

Inverse Universe

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



34.6534, 43.5331, 67.5491



48.9733, 62.9151, 104.1704



24.7218, 23.6698, 64.2385



11.9655, 13.0212, 15.1263



16.0828, 20.8122, 40.3620



0.9485, 1.2622, 2.2732

Previews

White Background



This preview shows how the XYZ color 35.0510, 27.2687, 14.4823 looks on a white 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

Black Background



This preview shows how the XYZ color 35.0510, 27.2687, 14.4823 looks on a black 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

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

XYZ 35.0510, 27.2687, 14.4823

Background



This preview shows how black text looks on a background with the XYZ color 35.0510, 27.2687, 14.4823.



This preview shows how white text looks on a background with the XYZ color 35.0510, 27.2687,

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

35.0510, 27.2687, 14.4823

Protanopia

25.6132, 27.4788, 17.8639

Deuteranopia

27.8907, 27.4347, 13.9506



Tritanopia

36.5694, 27.2124, 21.7375

Trichromacy



Original Color

35.0510, 27.2687, 14.4823

Protanomaly

28.4288, 27.0281, 16.5506

Deuteranomaly

30.2081, 27.1947, 14.0129

Tritanomaly

35.8619, 27.0758, 18.9588

Monochromacy



Original Color

35.0510, 27.2687, 14.4823

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.0255, 26.4712, 23.0344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0510, 27.2687, 14.4823 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(210, 117, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 117, 96)  
}
```

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(210, 117, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 117, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.0510, 27.2687, 14.4823 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(210, 117, 96) }
```


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

```
.border{ border-color:rgb(210, 117, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 117, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 117, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 117, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 117,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0510, 27.2687, 14.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 117, 96) }
```

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

```
.background{ background-color: rgb(210,  
117, 96) }
```

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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