

Converting Colors

XYZ(25.9491, 13.5801, 2.9985)

Have a look what the booklet for
XYZ(25.9491, 13.5801, 2.9985)
contains.

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Color

**XYZ(25.9446, 13.5695,
3.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0E25
RGB	206, 14, 37
RGB Percent	81%, 5%, 15%
CMY	0.1922, 0.9450, 0.8549
CMYK	0.00, 0.93, 0.82, 0.19
HSL	353°, 87%, 43%
HSV	353°, 93%, 81%
XYZ	25.9446, 13.5695, 3.0020
YIQ	74.0300, 107.0490, 47.8570

Conversions

Conversions Part 2

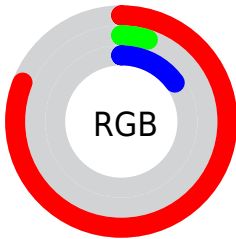
Format	Color
R_{YB}	206, 14, 37
Decimal	13504037
CIE _{Lab}	43.61, 67.41, 42.35
CIE _{LCh}	44, 79.610, 32.142
Yxy	13.5695, 0.6102, 0.3192
Android (android.graphics.Color)	4291694117 (0xFFCE0E25)
YUV	74.0300, -18.2558, 115.7377
Hunter-Lab	36.8368, 61.2553, 20.9539

Details

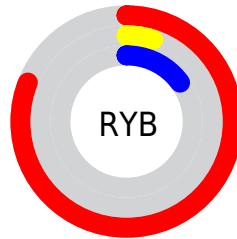
The XYZ color **25.9446, 13.5695, 3.0020** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **30.8038, 47.6564, 52.3944**, and the grayscale version is **6.5358, 6.8761, 7.4881**.

A 20% lighter version of the original color is **46.4575, 29.1969, 11.3706**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.6251, 13.1904, 2.0950**, and if you desaturate by 10%, it is **26.7367, 14.5797, 5.0365**.

Distribution



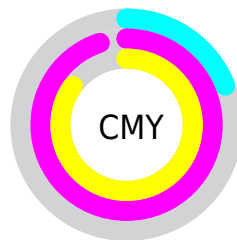
- Red (81%)
- Green (5%)
- Blue (15%)



- Red (81%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (93%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9446, 13.5695, 3.0020 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 25.9446, 13.5695, 3.0020 by changing the saturation by 10% instead.


 25.9446, 13.5695,
3.0020


 25.9446, 13.5695,
3.0020


274.7717,
214.5360, 136.3861


 16.9147, 7.8219,
1.0957


 52.6175, 32.3232,
11.6334


 10.2686, 3.9812,
0.0000


 70.9912, 46.0980,
19.1955

 5.6410, 1.6630,
0.0000

 93.2101, 63.3174,
29.4799

 2.6666, 0.3996,
0.0000

 119.6397, 84.3657,
42.9052

 0.9800, 0.0000,
0.0000

 150.6453,
109.6273, 59.8900

 0.0000, 0.0000,
0.0000

 186.5923,

139.4866, 80.8527

227.8460,
174.3280, 106.2119

25.9446, 13.5695,
3.0020

25.9446, 13.5695,
3.0020

25.6251, 13.1904,
2.0950

26.7367, 14.5797,
5.0365

28.0425, 16.3613,
8.0307

29.9326, 19.0305,
12.0855

32.4659, 22.6832,
17.2889

35.6941, 27.4029,
23.7194

■ 39.6637, 33.2641,
31.4486

■ 44.4170, 40.3347,
40.5426

■ 49.9931, 48.6773,
51.0631

■ 56.4286, 58.3501,
63.0679

Harmonies

Analogous

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



28.9699, 13.5695, 13.5283



25.9446, 13.5695, 3.0020



19.3496, 13.5695, 0.3359

Triad

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



25.9446, 13.5695, 3.0020



4.9366, 13.5695, 3.8377



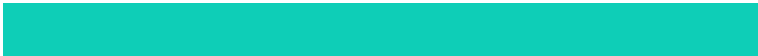
13.3507, 13.5695, 82.4968

Complementary

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



25.9446, 13.5695, 3.0020



30.8038, 47.6564, 52.3944

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.



8.0673, 13.5695, 70.6646



25.9446, 13.5695, 3.0020



4.2438, 13.5695, 16.0958

Square

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



25.9446, 13.5695, 3.0020



7.5128, 13.5695, 0.5439



5.1766, 13.5695, 41.6035



20.3848, 13.5695, 67.0837

Rectangle

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



25.9446, 13.5695, 3.0020



14.6068, 13.5695, 0.0000



5.1766, 13.5695, 41.6035



11.3268, 13.5695, 81.5612

Sweetspot

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



25.9449, 13.5704, 3.0022



67.8276, 59.1871, 57.8006



30.2147, 14.5232, 59.6029



13.8263, 11.6414, 11.0436



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.



25.9449, 13.5704, 3.0022



41.4808, 21.3563, 3.1982



28.7362, 19.5601, 2.6777



11.2660, 11.2351, 11.9354



15.7983, 8.1299, 1.3904



0.8336, 0.4269, 0.1698

Inverse Universe

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



25.9449, 13.5704, 3.0022



41.4808, 21.3563, 3.1982



20.0719, 22.0494, 61.5902



11.2660, 11.2351, 11.9354



15.7983, 8.1299, 1.3904



0.8336, 0.4269, 0.1698

Previews

White Background



This preview shows how the XYZ color 25.9446, 13.5695, 3.0020 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



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 25.9446, 13.5695, 3.0020

Background



This preview shows how black text looks on a background with the XYZ color 25.9446, 13.5695, 3.0020.



This preview shows how white text looks on a background with the XYZ color 25.9446, 13.5695,

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

25.9446, 13.5695, 3.0020

Protanopia

12.8855, 14.0535, 6.0364

Deuteranopia

14.0867, 13.8729, 2.5075



Tritanopia

25.7642, 13.6463, 1.5927

Trichromacy



Original Color

25.9446, 13.5695, 3.0020

Protanomaly

15.1058, 11.1609, 4.3757

Deuteranomaly

16.5407, 11.5754, 2.2822

Tritanomaly

25.7962, 13.6049, 1.9282

Monochromacy



Original Color

25.9446, 13.5695, 3.0020

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

10.0963, 6.9305, 5.2205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9446, 13.5695, 3.0020 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(206, 14, 37)` looks like.

```
.text, #text, p{  
  color:rgb(206, 14, 37)  
}
```

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(206, 14, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 14, 37) }
```

Border

The CSS property to change the border of an element to XYZ 25.9446, 13.5695, 3.0020 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(206, 14, 37) }
```


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

```
.border{ border-color:rgb(206, 14, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 14, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 14, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 14, 37);  
box-shadow:4px 4px 4px 4px rgb(206, 14,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9446, 13.5695, 3.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 14, 37) }
```

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

```
.background{ background-color: rgb(206, 14,  
37) }
```

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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