

Converting Colors

XYZ(29.4868, 21.8711, 13.4964)

Have a look what the booklet for
XYZ(29.4868, 21.8711, 13.4964)
contains.

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Color

**XYZ(29.4842, 21.8693,
13.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	C4655F
RGB	196, 101, 95
RGB Percent	77%, 40%, 37%
CMY	0.2314, 0.6039, 0.6274
CMYK	0.00, 0.48, 0.52, 0.23
HSL	4°, 46%, 57%
HSV	4°, 52%, 77%
XYZ	29.4842, 21.8693, 13.4937
YIQ	128.7210, 58.5460, 18.2740

Conversions

Conversions Part 2

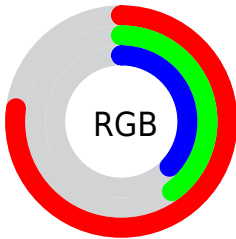
Format	Color
R_{YB}	196, 101, 95
Decimal	12871007
CIE _{Lab}	53.89, 37.23, 20.78
CIE _{LCh}	54, 42.637, 29.173
Yxy	21.8693, 0.4547, 0.3372
Android (android.graphics.Color)	4291061087 (0xFFC4655F)
YUV	128.7210, -16.6245, 59.0037
Hunter-Lab	46.7646, 30.7027, 15.6274

Details

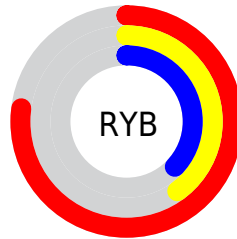
The XYZ color **29.4842, 21.8693, 13.4937** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **33.0956, 43.2433, 58.8269**, and the grayscale version is **20.8112, 21.8950, 23.8436**.

A 20% lighter version of the original color is **57.9064, 46.4155, 32.6952**, and **12.2194, 7.9927, 3.8044** is the 20% darker color. If you saturate the color by 10%, you get **27.1092, 18.3703, 8.8458**, and if you desaturate by 10%, it is **32.4859, 26.2631, 19.4566**.

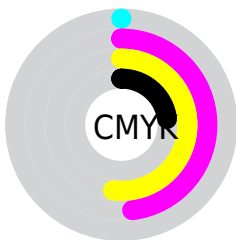
Distribution



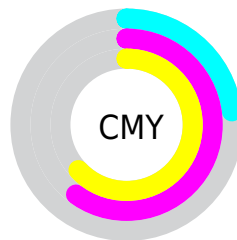
- Red (77%)
- Green (40%)
- Blue (37%)



- Red (77%)
- Yellow (40%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4842, 21.8693, 13.4937 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 29.4842, 21.8693, 13.4937 by changing the saturation by 10% instead.

■ 29.4842, 21.8693,
13.4937

■ 29.4842, 21.8693,
13.4937

291.4459,
261.8630, 225.3758

■ 19.5935, 13.7609,
7.6347

■ 58.2378, 46.5299,
32.8920

■ 12.2065, 7.9546,
3.7777

■ 77.8314, 63.8509,
47.2684

■ 6.9577, 4.0659,
1.5042

■ 101.3900, 85.0115,
65.3210

■ 3.4817, 1.7105,
0.2210

■ 129.2790,
110.3961, 87.4683

■ 1.4133, 0.4304,
0.0000

161.8637,
140.3892, 114.1289

■ 0.2657, 0.0000,
0.0000

199.5096,

■ 0.0000, 0.0000,

175.3751, 145.7213

0.0000

242.5818,
215.7382, 182.6641

■ 29.4842, 21.8693,
13.4937

■ 29.4842, 21.8693,
13.4937

■ 27.1092, 18.3703,
8.8458

■ 32.4859, 26.2631,
19.4566

■ 25.3150, 15.7015,
5.4124

■ 36.1526, 31.6037,
26.8225

■ 24.0518, 13.7951,
3.0803

■ 40.5216, 37.9432,
35.6730

■ 23.2611, 12.5711,
1.7146

■ 45.6269, 45.3290,
46.0834

■ 22.8922, 11.9903,
1.1078

■ 51.5002, 53.8052,
58.1237

■ 58.1716, 63.4137,
71.8596

■ 65.6693, 74.1940,
87.3533

■ 74.0202, 86.1838,
104.6639

■ 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



30.9191, 21.8693, 24.1787



29.4842, 21.8693, 13.4937



25.6450, 21.8693, 8.0334

Triad

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



29.4842, 21.8693, 13.4937



14.0909, 21.8693, 13.0655



20.6590, 21.8693, 59.0832

Complementary

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



29.4842, 21.8693, 13.4937



33.0956, 43.2433, 58.8269

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.



16.5833, 21.8693, 52.7812



29.4842, 21.8693, 13.4937



13.1510, 21.8693, 23.4489

Square

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



29.4842, 21.8693, 13.4937



16.7739, 21.8693, 7.8579



13.9928, 21.8693, 38.3805



25.3920, 21.8693, 53.4039

Rectangle

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



29.4842, 21.8693, 13.4937



22.4885, 21.8693, 6.6138



13.9928, 21.8693, 38.3805



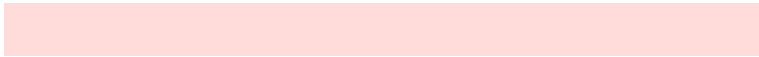
19.1719, 21.8693, 58.2671

Sweetspot

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



29.4847, 21.8704, 13.4941



79.0697, 76.9324, 76.1573



36.2557, 23.6797, 51.9211



16.4990, 15.8516, 15.4337



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.



29.4847, 21.8704, 13.4941



48.5780, 32.4911, 14.9959



35.8249, 34.5507, 15.6075



10.1202, 10.1718, 10.4918



14.7312, 7.7481, 0.7191



0.6534, 0.3686, 0.0367

Inverse Universe

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



33.0956, 43.2433, 58.8269



55.8035, 75.4246, 106.2250



24.1272, 25.3065, 55.8375



10.3156, 11.3225, 12.9266



17.4847, 24.7259, 37.4077



0.7713, 1.1000, 1.6216

Previews

White Background



This preview shows how the XYZ color 29.4842, 21.8693, 13.4937 looks on a white background.

Color Contrast Check

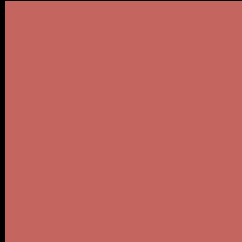
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4842, 21.8693, 13.4937 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 29.4842, 21.8693, 13.4937

Background



This preview shows how black text looks on a background with the XYZ color 29.4842, 21.8693, 13.4937.



This preview shows how white text looks on a background with the XYZ color 29.4842, 21.8693,

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

29.4842, 21.8693, 13.4937

Protanopia

20.7104, 22.0175, 17.3456

Deuteranopia

22.4224, 22.0407, 12.9700



Tritanopia

30.0893, 21.8346, 16.2643

Trichromacy



Original Color

29.4842, 21.8693, 13.4937

Protanomaly

23.1456, 21.4420, 15.7508

Deuteranomaly

24.5393, 21.6985, 13.0201

Tritanomaly

29.9814, 21.9440, 15.2258

Monochromacy



Original Color

29.4842, 21.8693, 13.4937

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.9446, 21.2503, 19.7220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4842, 21.8693, 13.4937 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(196, 101, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 101, 95)  
}
```

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(196, 101, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 101, 95) }
```

Border

The CSS property to change the border of an element to XYZ 29.4842, 21.8693, 13.4937 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(196, 101, 95) }
```


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

```
.border{ border-color:rgb(196, 101, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 101, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 101, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 101, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 101,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4842, 21.8693, 13.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 101, 95) }
```

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

```
.background{ background-color: rgb(196,  
101, 95) }
```

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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