

Converting Colors

XYZ(24.8961, 14.2793, 7.0742)

Have a look what the booklet for
XYZ(24.8961, 14.2793, 7.0742)
contains.

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Color

**XYZ(24.8961, 14.2793,
7.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	C43045
RGB	196, 48, 69
RGB Percent	77%, 19%, 27%
CMY	0.2314, 0.8117, 0.7294
CMYK	0.00, 0.76, 0.65, 0.23
HSL	351°, 61%, 48%
HSV	351°, 76%, 77%
XYZ	24.8961, 14.2793, 7.0742
YIQ	94.6460, 81.4670, 37.9070

Conversions

Conversions Part 2

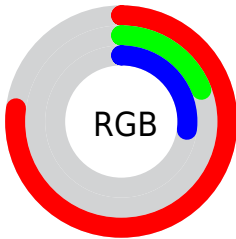
Format	Color
R_{YB}	196, 48, 69
Decimal	12857413
CIE _{Lab}	44.63, 58.57, 24.13
CIE _{LCh}	45, 63.352, 22.392
Yxy	14.2793, 0.5383, 0.3087
Android (android.graphics.Color)	4291047493 (0xFFC43045)
YUV	94.6460, -12.6435, 88.8875
Hunter-Lab	37.7880, 51.4734, 15.3520

Details

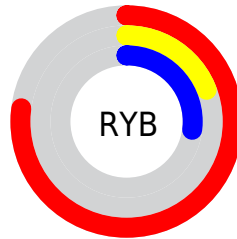
The XYZ color **24.8961, 14.2793, 7.0742** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28.6981, 43.2039, 47.3891**, and the grayscale version is **10.8092, 11.3721, 12.3842**.

A 20% lighter version of the original color is **49.6049, 32.8524, 20.5563**, and **10.1781, 5.2255, 1.4495** is the 20% darker color. If you saturate the color by 10%, you get **23.8138, 12.8354, 4.4925**, and if you desaturate by 10%, it is **26.4810, 16.4920, 10.5537**.

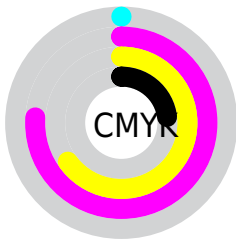
Distribution



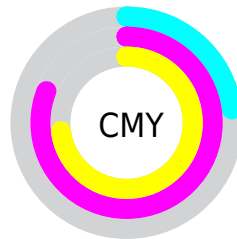
- Red (77%)
- Green (19%)
- Blue (27%)



- Red (77%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (76%)
- Yellow (65%)
- Black (23%)





- Cyan (23%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8961, 14.2793, 7.0742 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 24.8961, 14.2793, 7.0742 by changing the saturation by 10% instead.


 24.8961, 14.2793,
7.0742


 24.8961, 14.2793,
7.0742


269.6773,
218.9615, 177.9331


 16.1280, 8.3152,
3.4294


 50.9327, 33.5838,
20.6377


 9.7062, 4.2973,
1.3178


 68.9319, 47.6929,
31.3935

 5.2654, 1.8412,
0.0764

 90.7389, 65.2859,
45.3568

 2.4401, 0.5127,
0.0000

 116.7190, 86.7471,
62.9460

 0.8652, 0.0000,
0.0000

 147.2375,
112.4608, 84.5796

 0.0000, 0.0000,
0.0000

 182.6598,

142.8115, 110.6764

223.3513,
178.1836, 141.6547

■ 24.8961, 14.2793,
7.0742

■ 24.8961, 14.2793,
7.0742

■ 23.8138, 12.8354,
4.4925

■ 26.4810, 16.4920,
10.5537

■ 23.1693, 12.0505,
2.7231

■ 28.6203, 19.5583,
15.0042

■ 22.9721, 11.8186,
2.1565

■ 31.3603, 23.5546,
20.4917

■ 34.7422, 28.5481,
27.0764

■ 38.8034, 34.5998,
34.8138

■ 43.5785, 41.7659,
43.7555

■ 49.0997, 50.0984,
53.9503

■ 55.3972, 59.6461,
65.4438

■ 62.4996, 70.4552,
78.2798

Harmonies

Analogous

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



25.8942, 14.2793, 19.5983



24.8961, 14.2793, 7.0742



20.5302, 14.2793, 2.1849

Triad

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



24.8961, 14.2793, 7.0742



7.1584, 14.2793, 3.8908



12.3068, 14.2793, 63.7664

Complementary

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



24.8961, 14.2793, 7.0742



28.6981, 43.2039, 47.3891

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.



8.3959, 14.2793, 50.4127



24.8961, 14.2793, 7.0742



5.9513, 14.2793, 12.0976

Square

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



24.8961, 14.2793, 7.0742



10.1486, 14.2793, 1.3214



6.3388, 14.2793, 28.9932



17.6899, 14.2793, 59.0634

Rectangle

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



24.8961, 14.2793, 7.0742



16.7820, 14.2793, 1.1715



6.3388, 14.2793, 28.9932



10.7999, 14.2793, 61.0503

Sweetspot

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



24.8964, 14.2801, 7.0744



72.0384, 65.2897, 66.3534



28.4325, 15.0761, 53.6358



14.7882, 13.0307, 13.0117



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.



24.8964, 14.2801, 7.0744



42.2559, 22.1550, 5.7730



27.8372, 21.0265, 5.3888



10.1301, 10.1006, 10.7756



14.7800, 7.6018, 1.4877



0.6578, 0.3361, 0.1652

Inverse Universe

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



24.8964, 14.2801, 7.0744



42.2559, 22.1550, 5.7730



21.1873, 24.6223, 55.8603



10.1301, 10.1006, 10.7756



14.7800, 7.6018, 1.4877



0.6578, 0.3361, 0.1652

Previews

White Background



This preview shows how the XYZ color 24.8961, 14.2793, 7.0742 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 24.8961, 14.2793, 7.0742 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 24.8961, 14.2793, 7.0742

Background



This preview shows how black text looks on a background with the XYZ color 24.8961, 14.2793, 7.0742.



This preview shows how white text looks on a background with the XYZ color 24.8961, 14.2793,

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

24.8961, 14.2793, 7.0742

Protanopia

13.6854, 14.4779, 12.4291

Deuteranopia

14.7996, 14.5855, 6.4501



Tritanopia

24.3321, 14.2268, 4.8318

Trichromacy



Original Color

24.8961, 14.2793, 7.0742

Protanomaly

16.0041, 12.8879, 10.0316

Deuteranomaly

17.2691, 13.2748, 6.5026

Tritanomaly

24.4357, 14.1991, 5.5905

Monochromacy



Original Color

24.8961, 14.2793, 7.0742

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.9198, 11.0262, 10.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8961, 14.2793, 7.0742 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, 48, 69)` looks like.

```
.text, #text, p{  
  color:rgb(196, 48, 69)  
}
```

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, 48, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 48, 69) }
```

Border

The CSS property to change the border of an element to XYZ 24.8961, 14.2793, 7.0742 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, 48, 69) }
```


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

```
.border{ border-color:rgb(196, 48, 69) }
```

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

Here you see how a box with a 4 pixel rgb(196, 48, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 48, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 48, 69);  
box-shadow:4px 4px 4px 4px rgb(196, 48,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8961, 14.2793, 7.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 48, 69) }
```

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

```
.background{ background-color: rgb(196, 48,  
69) }
```

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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