

Converting Colors

XYZ(32.7950, 21.6272, 11.1978)

Have a look what the booklet for
XYZ(32.7950, 21.6272, 11.1978)
contains.

XYZ(32.7391, 21.6236, 11.2523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7391, 21.6236,
11.2523)**

Conversions

Conversions Part 1

Format	Color
Hex	D65656
RGB	214, 86, 86
RGB Percent	84%, 34%, 34%
CMY	0.1608, 0.6627, 0.6627
CMYK	0.00, 0.60, 0.60, 0.16
HSL	0°, 61%, 59%
HSV	0°, 60%, 84%
XYZ	32.7391, 21.6236, 11.2523
YIQ	124.2720, 76.2880, 27.1360

Conversions

Conversions Part 2

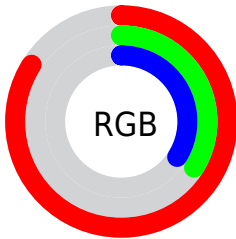
Format	Color
RYB	214, 86, 86
Decimal	14046806
CIELab	53.63, 50.38, 26.19
CIELCh	54, 56.784, 27.465
Yxy	21.6236, 0.4990, 0.3296
Android (android.graphics.Color)	4292236886 (0xFFD65656)
YUV	124.2720, -18.8681, 78.6915
Hunter-Lab	46.5012, 44.2956, 18.2039

Details

The XYZ color **32.7391, 21.6236, 11.2523** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **40.0201, 54.9229, 72.1101**, and the grayscale version is **19.2929, 20.2977, 22.1042**.

A 20% lighter version of the original color is **55.0620, 41.7937, 28.4575**, and **13.9765, 7.8111, 2.8689** is the 20% darker color. If you saturate the color by 10%, you get **30.5420, 18.4090, 6.8841**, and if you desaturate by 10%, it is **35.7066, 25.9664, 17.1508**.

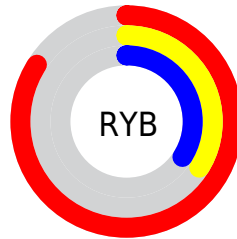
Distribution



Red (84%)

Green (34%)

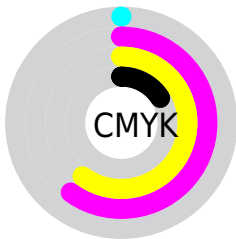
Blue (34%)



Red (84%)

Yellow (34%)

Blue (34%)

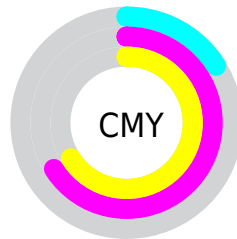


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (16%)



Cyan (16%)


Magenta (66%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7391, 21.6236, 11.2523 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 32.7391, 21.6236, 11.2523 by changing the saturation by 10% instead.

 32.7391, 21.6236,
11.2523


 32.7391, 21.6236,
11.2523

306.1583,
260.5743, 210.1896


 22.0849, 13.5806,
6.1205


 63.3254, 46.1231,
28.7695

 14.0363, 7.8295,
2.8485


 83.9882, 63.3484,
41.9920


 8.2278, 3.9861,
1.0178


 108.7180, 84.4032,
58.7485

 4.2941, 1.6658,
0.0000

 137.8801,
109.6720, 79.4575

 1.8698, 0.4013,
0.0000

 171.8398,
139.5390, 104.5376

 0.5592, 0.0000,
0.0000

210.9625,

 0.0000, 0.0000,

174.3889, 134.4073

0.0000

255.6135,
214.6058, 169.4851

■ 32.7391, 21.6236,
11.2523

■ 32.7391, 21.6236,
11.2523

■ 30.5420, 18.4090,
6.8841

■ 35.7066, 25.9664,
17.1508

■ 29.0428, 16.2151,
3.9039

■ 39.5053, 31.5250,
24.7022

■ 28.1577, 14.9199,
2.1448

■ 44.1916, 38.3825,
34.0183

■ 27.7382, 14.3059,
1.3109

■ 49.8166, 46.6134,
45.2005

■ 27.7316, 14.2964,
1.2979

■ 56.4275, 56.2870,
58.3428

■ 64.0683, 67.4677,
73.5326

■ 72.7805, 80.2160,
90.8522

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



34.5493, 21.6236, 25.0535



32.7391, 21.6236, 11.2523



27.4871, 21.6236, 5.1165

Triad

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



32.7391, 21.6236, 11.2523



12.2027, 21.6236, 9.7589



20.0408, 21.6236, 75.1811

Complementary

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



32.7391, 21.6236, 11.2523



40.0201, 54.9229, 72.1101

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.



14.8951, 21.6236, 64.4383



32.7391, 21.6236, 11.2523



10.9620, 21.6236, 22.0972

Square

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



32.7391, 21.6236, 11.2523



15.6279, 21.6236, 4.6006



11.8418, 21.6236, 42.5600



26.4163, 21.6236, 67.3736

Rectangle

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



32.7391, 21.6236, 11.2523



23.1900, 21.6236, 3.6715



11.8418, 21.6236, 42.5600



18.1231, 21.6236, 73.5371

Sweetspot

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



32.7396, 21.6248, 11.2527



75.5866, 71.5197, 70.2074



43.1969, 25.8068, 66.3226



15.6055, 14.4695, 13.8879



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.



32.7396, 21.6248, 11.2527



44.6696, 26.2789, 8.7467



40.3176, 36.7807, 13.7787



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



40.0201, 54.9229, 72.1101



56.4348, 80.0883, 107.0919



26.8817, 28.6462, 67.7306



12.7922, 14.1078, 15.9864



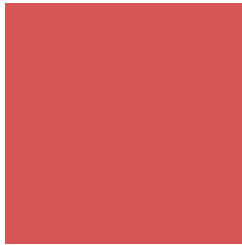
21.8692, 32.0002, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 32.7391, 21.6236, 11.2523 looks on a white background.

Color Contrast Check

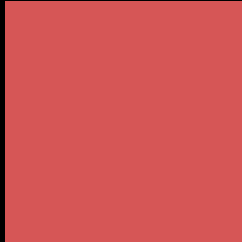
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7391, 21.6236, 11.2523 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 32.7391, 21.6236, 11.2523

Background



This preview shows how black text looks on a background with the XYZ color 32.7391, 21.6236, 11.2523.



This preview shows how white text looks on a background with the XYZ color 32.7391, 21.6236,

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

32.7391, 21.6236, 11.2523

Protanopia

20.3712, 21.6721, 16.2062

Deuteranopia

22.2412, 21.8130, 10.6275



Tritanopia

32.8684, 21.5485, 12.3244

Trichromacy



Original Color

32.7391, 21.6236, 11.2523

Protanomaly

23.3726, 20.5658, 14.0470

Deuteranomaly

25.2304, 21.1082, 10.7271

Tritanomaly

32.7832, 21.5144, 11.8760

Monochromacy



Original Color

32.7391, 21.6236, 11.2523

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.2950, 19.4457, 17.3302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7391, 21.6236, 11.2523 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(214, 86, 86)` looks like.

```
.text, #text, p{  
    color:rgb(214, 86, 86)  
}
```

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(214, 86, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 86, 86) }
```

Border

The CSS property to change the border of an element to XYZ 32.7391, 21.6236, 11.2523 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(214, 86, 86) }
```


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

```
.border{ border-color:rgb(214, 86, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 86, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 86, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 86, 86);  
box-shadow:4px 4px 4px 4px rgb(214, 86,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7391, 21.6236, 11.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 86, 86) }
```

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

```
.background{ background-color: rgb(214, 86,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor