

Converting Colors

XYZ(32.7037, 20.3051, 10.7899)

Have a look what the booklet for
XYZ(32.7037, 20.3051, 10.7899)
contains.

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Color

**XYZ(32.7037, 20.3051,
10.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	D94A55
RGB	217, 74, 85
RGB Percent	85%, 29%, 33%
CMY	0.1490, 0.7098, 0.6667
CMYK	0.00, 0.66, 0.61, 0.15
HSL	355°, 65%, 57%
HSV	355°, 66%, 85%
XYZ	32.7037, 20.3051, 10.7899
YIQ	118.0110, 81.6970, 33.7370

Conversions

Conversions Part 2

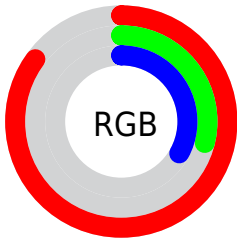
Format	Color
RYB	217, 74, 85
Decimal	14240341
CIELab	52.18, 56.49, 25.00
CIELCh	52, 61.771, 23.875
Yxy	20.3051, 0.5126, 0.3183
Android (android.graphics.Color)	4292430421 (0xFFD94A55)
YUV	118.0110, -16.2744, 86.8134
Hunter-Lab	45.0612, 50.6915, 17.3458

Details

The XYZ color **32.7037, 20.3051, 10.7899** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **38.7790, 55.5382, 67.0736**, and the grayscale version is **17.2557, 18.1544, 19.7701**.

A 20% lighter version of the original color is **53.5958, 38.9745, 27.6197**, and **14.0933, 7.2211, 2.6585** is the 20% darker color. If you saturate the color by 10%, you get **30.8102, 17.6166, 6.7727**, and if you desaturate by 10%, it is **35.3229, 24.0849, 16.1605**.

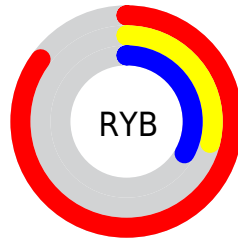
Distribution



Red (85%)

Green (29%)

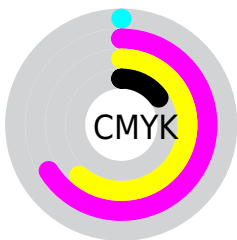
Blue (33%)



Red (85%)

Yellow (29%)

Blue (33%)

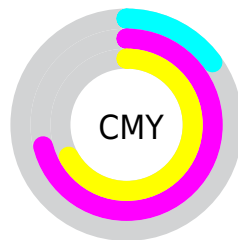


Cyan (0%)

Magenta (66%)

Yellow (61%)

Black (15%)



Cyan (15%)


Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7037, 20.3051, 10.7899 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 32.7037, 20.3051, 10.7899 by changing the saturation by 10% instead.


 32.7037, 20.3051,
10.7899


 32.7037, 20.3051,
10.7899


306.0011,
253.5620, 206.9058


 22.0577, 12.6170,
5.8133


 63.2704, 43.9281,
27.9017

 14.0161, 7.1654,
2.6650


 83.9219, 60.6318,
40.8740


 8.2137, 3.5657,
0.9257


 108.6392, 81.1096,
57.3486

 4.2849, 1.4337,
0.0000

 137.7877,
105.7457, 77.7442

 1.8646, 0.2414,
0.0000

 171.7328,
134.9246, 102.4791

 0.5561, 0.0000,
0.0000

210.8399,

 0.0000, 0.0000,

169.0307, 131.9720

0.0000

255.4742,
208.4484, 166.6414

■ 32.7037, 20.3051,
10.7899

■ 32.7037, 20.3051,
10.7899

■ 30.8102, 17.6166,
6.7727

■ 35.3229, 24.0849,
16.1605

■ 29.5674, 15.9003,
3.9869

■ 38.7299, 29.0520,
22.9899

■ 28.8862, 15.0148,
2.2900

■ 42.9817, 35.2957,
31.3743

■ 28.7138, 14.7911,
1.8589

■ 48.1297, 42.8958,
41.4014

■ 54.2212, 51.9258,
53.1524

■ 61.3002, 62.4536,
66.7029

■ 69.4077, 74.5430,
82.1243

■ 78.5827, 88.2541,
99.4838

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



34.1046, 20.3051, 26.0401



32.7037, 20.3051, 10.7899



27.3998, 20.3051, 4.2153

Triad

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



32.7037, 20.3051, 10.7899



11.0440, 20.3051, 7.2694



18.0298, 20.3051, 78.0222

Complementary

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



32.7037, 20.3051, 10.7899



38.7790, 55.5382, 67.0736

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.



12.9771, 20.3051, 63.9001



32.7037, 20.3051, 10.7899



9.5519, 20.3051, 18.5945

Square

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



32.7037, 20.3051, 10.7899



14.7810, 20.3051, 3.0995



10.1729, 20.3051, 39.4280



24.6558, 20.3051, 71.7468

Rectangle

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



32.7037, 20.3051, 10.7899



22.8805, 20.3051, 2.6847



10.1729, 20.3051, 39.4280



16.1129, 20.3051, 75.3364

Sweetspot

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



32.7042, 20.3063, 10.7902



74.2082, 68.9959, 69.0295



40.1736, 22.8995, 67.9479



15.3567, 13.9871, 13.7581



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.



32.7042, 20.3063, 10.7902



43.6136, 24.2868, 8.0251



38.3197, 32.1828, 10.6724



13.0965, 13.0677, 13.7692



17.3970, 8.9598, 1.2045



1.1415, 0.5863, 0.1543

Inverse Universe

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



32.7042, 20.3063, 10.7902



43.6136, 24.2868, 8.0251



27.4772, 30.7222, 70.1270



13.0965, 13.0677, 13.7692



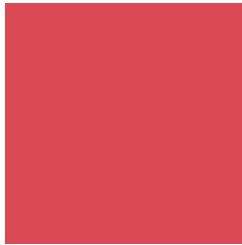
17.3970, 8.9598, 1.2045



1.1415, 0.5863, 0.1543

Previews

White Background



This preview shows how the XYZ color 32.7037, 20.3051, 10.7899 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 32.7037, 20.3051, 10.7899 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 32.7037, 20.3051, 10.7899

Background



This preview shows how black text looks on a background with the XYZ color 32.7037, 20.3051, 10.7899.



This preview shows how white text looks on a background with the XYZ color 32.7037, 20.3051,

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

32.7037, 20.3051, 10.7899

Protanopia

19.3475, 20.5541, 16.8575

Deuteranopia

20.7345, 20.3230, 10.0376



Tritanopia

32.5426, 20.3484, 9.6096

Trichromacy



Original Color

32.7037, 20.3051, 10.7899

Protanomaly

22.3065, 18.8903, 14.2749

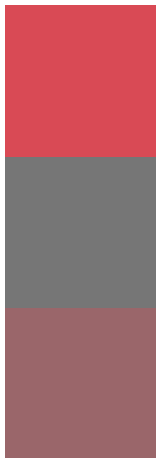
Deuteranomaly

24.0146, 19.4085, 10.2651

Tritanomaly

32.6166, 20.3779, 9.9988

Monochromacy



Original Color

32.7037, 20.3051, 10.7899

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.6793, 17.4134, 15.9069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7037, 20.3051, 10.7899 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(217, 74, 85)` looks like.

```
.text, #text, p{  
    color:rgb(217, 74, 85)  
}
```

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(217, 74, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 74, 85) }
```

Border

The CSS property to change the border of an element to XYZ 32.7037, 20.3051, 10.7899 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(217, 74, 85) }
```


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

```
.border{ border-color:rgb(217, 74, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 74, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 74, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 74, 85);  
box-shadow:4px 4px 4px 4px rgb(217, 74,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7037, 20.3051, 10.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 74, 85) }
```

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

```
.background{ background-color: rgb(217, 74,  
85) }
```

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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