

Converting Colors

XYZ(32.5374, 20.9705, 12.6308)

Have a look what the booklet for
XYZ(32.5374, 20.9705, 12.6308)
contains.

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Color

**XYZ(32.7246, 21.1210,
12.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	D6525D
RGB	214, 82, 93
RGB Percent	84%, 32%, 36%
CMY	0.1608, 0.6784, 0.6353
CMYK	0.00, 0.62, 0.57, 0.16
HSL	355°, 62%, 58%
HSV	355°, 62%, 84%
XYZ	32.7246, 21.1210, 12.7079
YIQ	122.7220, 75.1410, 31.4050

Conversions

Conversions Part 2

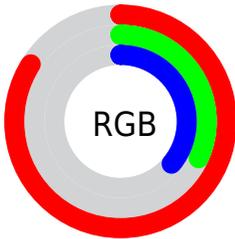
Format	Color
R_{YB}	214, 82, 93
Decimal	14045789
CIE Lab	53.08, 52.68, 21.37
CIE LCh	53, 56.844, 22.079
Yxy	21.1210, 0.4917, 0.3174
Android (android.graphics.Color)	4292235869 (0xFFD6525D)
YUV	122.7220, -14.6529, 80.0508
Hunter-Lab	45.9576, 46.6771, 15.7758

Details

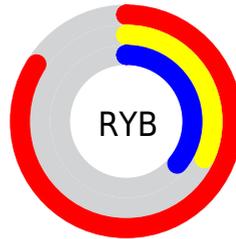
The XYZ color **32.7246, 21.1210, 12.7079** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **38.3071, 54.1992, 64.9466**, and the grayscale version is **18.7654, 19.7427, 21.4998**.

A 20% lighter version of the original color is **55.1436, 41.1345, 31.0200**, and **14.1077, 7.6116, 3.4149** is the 20% darker color. If you saturate the color by 10%, you get **30.5946, 18.0780, 8.2470**, and if you desaturate by 10%, it is **35.5815, 25.2616, 18.5110**.

Distribution



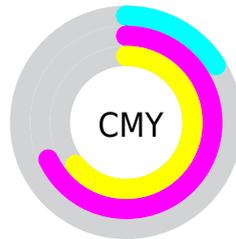
- Red (84%)
- Green (32%)
- Blue (36%)



- Red (84%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7246, 21.1210, 12.7079 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 32.7246, 21.1210, 12.7079 by changing the saturation by 10% instead.

 32.7246, 21.1210,
12.7079

 32.7246, 21.1210,
12.7079

306.0939,
257.9208, 220.1787

 22.0738, 13.2125,
7.0994

 63.3029, 45.2888,
31.4615

 14.0280, 7.5750,
3.4449

 83.9611, 62.3169,
45.4436

 8.2220, 3.8242,
1.3261

 108.6857, 83.1537,
63.0539

 4.2903, 1.5757,
0.0830

 137.8422,
108.1834, 84.7111

 1.8677, 0.3412,
0.0000

 171.7960,
137.7906, 110.8336

 0.5579, 0.0000,
0.0000

210.9122,

 0.0000, 0.0000,

172.3597, 141.8401

0.0000

255.5564,
212.2750, 178.1489

■ 32.7246, 21.1210,
12.7079

■ 32.7246, 21.1210,
12.7079

■ 30.5946, 18.0780,
8.2470

■ 35.5815, 25.2616,
18.5110

■ 29.1241, 16.0249,
5.0193

■ 39.2218, 30.5871,
25.7513

■ 28.2355, 14.8388,
2.9006

■ 43.6979, 37.1802,
34.5163

■ 27.8392, 14.3392,
1.8651

■ 49.0574, 45.1150,
44.8865

■ 55.3444, 54.4601,
56.9365

■ 62.5999, 65.2792,
70.7362

■ 70.8624, 77.6324,
86.3517

■ 80.1685, 91.5762,
103.8456

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



33.7511, 21.1210, 27.8394



32.7246, 21.1210, 12.7079



28.0020, 21.1210, 5.5745

Triad

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



32.7246, 21.1210, 12.7079



12.3026, 21.1210, 8.1165



18.5319, 21.1210, 73.4549

Complementary

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



32.7246, 21.1210, 12.7079



38.3071, 54.1992, 64.9466

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.



13.8057, 21.1210, 59.9783



32.7246, 21.1210, 12.7079



10.7049, 21.1210, 18.7518

Square

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



32.7246, 21.1210, 12.7079



16.0559, 21.1210, 3.9901



11.1946, 21.1210, 37.7272



24.7141, 21.1210, 68.9925

Rectangle

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



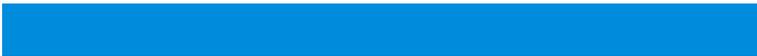
32.7246, 21.1210, 12.7079



23.8244, 21.1210, 3.7412



11.1946, 21.1210, 37.7272



16.7410, 21.1210, 70.7065

Sweetspot

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



32.7251, 21.1222, 12.7083



75.1499, 70.3503, 70.9738



39.7841, 23.5873, 66.0740



15.5414, 14.2508, 14.1454



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.



32.7251, 21.1222, 12.7083



44.7294, 25.8010, 10.6084



38.2010, 32.7980, 12.3014



12.4648, 12.4374, 13.1220



16.8428, 8.6734, 1.2101



1.0308, 0.5291, 0.1515

Inverse Universe

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



32.7251, 21.1222, 12.7083



44.7294, 25.8010, 10.6084



28.0166, 31.4465, 68.2112



12.4648, 12.4374, 13.1220



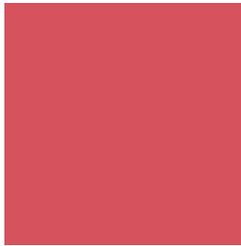
16.8428, 8.6734, 1.2101



1.0308, 0.5291, 0.1515

Previews

White Background



This preview shows how the XYZ color 32.7246, 21.1210, 12.7079 looks on a white background.

Color Contrast Check

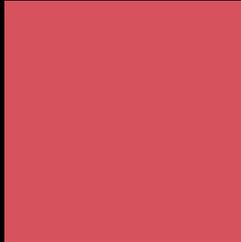
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7246, 21.1210, 12.7079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

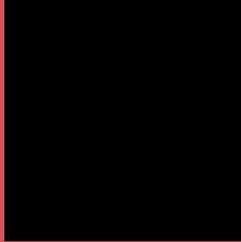
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7246, 21.1210, 12.7079

Background



This preview shows how black text looks on a background with the XYZ color 32.7246, 21.1210, 12.7079.

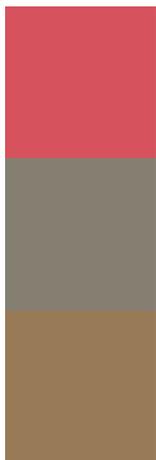


This preview shows how white text looks on a background with the XYZ color 32.7246, 21.1210,

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

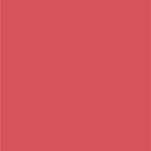
32.7246, 21.1210, 12.7079

Protanopia

20.2995, 21.3802, 18.9765

Deuteranopia

21.6287, 21.2826, 11.9848



Tritanopia

32.5863, 21.1872, 11.6046

Trichromacy



Original Color

32.7246, 21.1210, 12.7079

Protanomaly

23.1862, 20.0909, 16.2915

Deuteranomaly

24.7401, 20.3506, 12.0753

Tritanomaly

32.6703, 21.2208, 12.0470

Monochromacy



Original Color

32.7246, 21.1210, 12.7079

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.9975, 18.9629, 17.8300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7246, 21.1210, 12.7079 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, 82, 93)` looks like.

```
.text, #text, p{  
    color:rgb(214, 82, 93)  
}
```

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, 82, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 82, 93) }
```

Border

The CSS property to change the border of an element to XYZ 32.7246, 21.1210, 12.7079 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, 82, 93) }
```

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

```
.border{ border-color:rgb(214, 82, 93) }
```

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

Here you see how a box with a 4 pixel rgb(214, 82, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 82, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 82, 93);  
box-shadow:4px 4px 4px 4px rgb(214, 82,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7246, 21.1210, 12.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 82, 93) }
```

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

```
.background{ background-color: rgb(214, 82,  
93) }
```

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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