

Converting Colors

XYZ(32.7461, 23.2378, 14.6048)

Have a look what the booklet for
XYZ(32.7461, 23.2378, 14.6048)
contains.

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Color

**XYZ(32.7264, 23.2344,
14.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	D06363
RGB	208, 99, 99
RGB Percent	82%, 39%, 39%
CMY	0.1843, 0.6117, 0.6118
CMYK	0.00, 0.52, 0.52, 0.18
HSL	0°, 54%, 60%
HSV	0°, 52%, 82%
XYZ	32.7264, 23.2344, 14.5642
YIQ	131.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

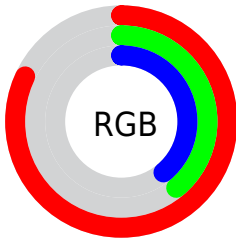
Format	Color
R_{YB}	208, 99, 99
Decimal	13656931
CIE _{Lab}	55.31, 43.06, 20.67
CIE _{LCh}	55, 47.768, 25.640
Yxy	23.2344, 0.4640, 0.3294
Android (android.graphics.Color)	4291847011 (0xFFD06363)
YUV	131.5910, -16.0674, 67.0107
Hunter-Lab	48.2021, 36.8375, 15.8270

Details

The XYZ color **32.7264, 23.2344, 14.5642** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0853, 52.3156, 67.7123**, and the grayscale version is **21.8252, 22.9618, 25.0054**.

A 20% lighter version of the original color is **57.9733, 45.9185, 34.6618**, and **14.0535, 8.6796, 4.3028** is the 20% darker color. If you saturate the color by 10%, you get **30.1339, 19.4411, 9.4098**, and if you desaturate by 10%, it is **36.0835, 28.1473, 21.2371**.

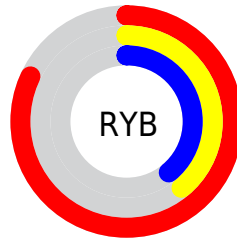
Distribution



Red (82%)

Green (39%)

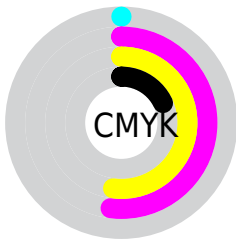
Blue (39%)



Red (82%)

Yellow (39%)

Blue (39%)

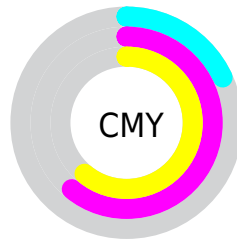


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (18%)



Cyan (18%)


Magenta (61%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7264, 23.2344, 14.5642 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 32.7264, 23.2344, 14.5642 by changing the saturation by 10% instead.


 32.7264, 23.2344,
14.5642


 32.7264, 23.2344,
14.5642


306.1019,
268.9266, 232.2622


 22.0752, 14.7667,
8.3709


 63.3057, 48.7779,
34.8182

 14.0291, 8.6558,
4.2420


 83.9644, 66.6225,
49.7161

 8.2227, 4.5174,
1.7590


 108.6897, 88.3615,
68.3525

 4.2908, 1.9670,
0.4007

 137.8469,
114.3794, 91.1460

 1.8679, 0.5882,
0.0000

171.8014,
145.0604, 118.5152

 0.5581, 0.0000,
0.0000

210.9185,

 0.0000, 0.0000,

180.7890, 150.8786

0.0000

255.5635,
221.9496, 188.6548

■ 32.7264, 23.2344,
14.5642

■ 32.7264, 23.2344,
14.5642

■ 30.1339, 19.4411,
9.4098

■ 36.0835, 28.1473,
21.2371

■ 28.2443, 16.6761,
5.6537

■ 40.2570, 34.2543,
29.5338

■ 26.9895, 14.8399,
3.1595

■ 45.2962, 41.6281,
39.5515

■ 26.2869, 13.8117,
1.7629

■ 51.2460, 50.3343,
51.3793

■ 26.0125, 13.4101,
1.2174

■ 58.1481, 60.4340,
65.1006

■ 66.0418, 71.9847,
80.7930

■ 74.9640, 85.0404,
98.5303

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



34.0222, 23.2344, 27.6068



32.7264, 23.2344, 14.5642



28.4188, 23.2344, 7.9296

Triad

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



32.7264, 23.2344, 14.5642



14.6283, 23.2344, 12.0392



21.3101, 23.2344, 67.5582

Complementary

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



32.7264, 23.2344, 14.5642



39.0853, 52.3156, 67.7123

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.



16.7677, 23.2344, 58.2797



32.7264, 23.2344, 14.5642



13.3264, 23.2344, 23.1223

Square

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



32.7264, 23.2344, 14.5642



17.9214, 23.2344, 6.9396



14.0415, 23.2344, 40.3222



26.8449, 23.2344, 62.2778

Rectangle

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



32.7264, 23.2344, 14.5642



24.7367, 23.2344, 6.1359



14.0415, 23.2344, 40.3222



19.6273, 23.2344, 65.9620

Sweetspot

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



32.7270, 23.2356, 14.5646



77.5009, 74.3208, 74.0129



41.8594, 26.8878, 62.6580



16.1668, 15.2909, 15.0038



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.



32.7270, 23.2356, 14.5646



47.3108, 30.1437, 13.9970



39.7378, 37.2573, 16.9016



11.8088, 11.8083, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



39.0853, 52.3156, 67.7123



58.4594, 81.1329, 107.1868



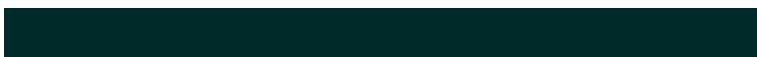
28.0041, 30.1533, 64.0185



12.1584, 13.4070, 15.1907



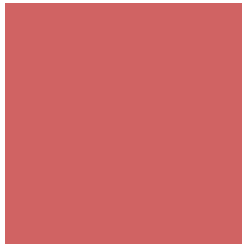
21.1523, 30.9513, 42.0518



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 32.7264, 23.2344, 14.5642 looks on a white background.

Color Contrast Check

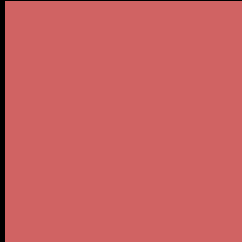
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7264, 23.2344, 14.5642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

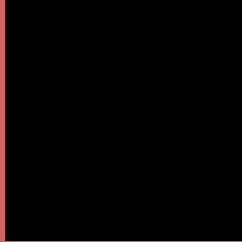
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7264, 23.2344, 14.5642

Background



This preview shows how black text looks on a background with the XYZ color 32.7264, 23.2344, 14.5642.



This preview shows how white text looks on a background with the XYZ color 32.7264, 23.2344,

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

32.7264, 23.2344, 14.5642

Protanopia

22.2973, 23.5883, 19.5975

Deuteranopia

23.7103, 23.2560, 13.8289



Tritanopia

32.9299, 23.1652, 16.1003

Trichromacy



Original Color

32.7264, 23.2344, 14.5642

Protanomaly

25.1147, 22.7782, 17.5409

Deuteranomaly

26.3771, 22.7972, 14.0764

Tritanomaly

32.8283, 23.1245, 15.5652

Monochromacy



Original Color

32.7264, 23.2344, 14.5642

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.6038, 22.2626, 20.7696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7264, 23.2344, 14.5642 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(208, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(208, 99, 99)  
}
```

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(208, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 99, 99) }
```

Border

The CSS property to change the border of an element to XYZ 32.7264, 23.2344, 14.5642 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(208, 99, 99) }
```


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

```
.border{ border-color:rgb(208, 99, 99) }
```

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

Here you see how a box with a 4 pixel rgb(208, 99, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(208, 99,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7264, 23.2344, 14.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 99, 99) }
```

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

```
.background{ background-color: rgb(208, 99,  
99) }
```

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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