

Converting Colors

XYZ(20.2492, 25.6452, 6.2656)

Have a look what the booklet for
XYZ(20.2492, 25.6452, 6.2656)
contains.

XYZ(20.2492, 25.6452, 6.2656)	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(20.2492, 25.6452,
6.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	84922C
RGB	132, 146, 44
RGB Percent	52%, 57%, 17%
CMY	0.4824, 0.4274, 0.8274
CMYK	0.10, 0.00, 0.70, 0.43
HSL	68°, 54%, 37%
HSV	68°, 70%, 57%
XYZ	20.2492, 25.6452, 6.2656
YIQ	130.1860, 24.3980, -34.6900

Conversions

Conversions Part 2

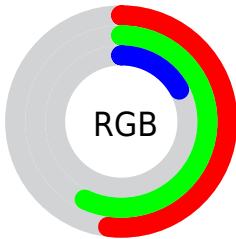
Format	Color
RYB	44, 146, 58
Decimal	8688172
CIELab	57.70, -19.04, 49.85
CIELCh	58, 53.365, 110.905
Yxy	25.6452, 0.3882, 0.4917
Android (android.graphics.Color)	4286878252 (0xFF84922C)
YUV	130.1860, -42.4897, 1.5909
Hunter-Lab	50.6411, -17.2474, 28.1131

Details

The XYZ color **20.2492, 25.6452, 6.2656** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.8348, 4.7768, 27.7049**, and the grayscale version is **21.4244, 22.5401, 24.5462**.

A 20% lighter version of the original color is **43.2591, 52.7179, 18.9619**, and **7.4073, 10.0280, 1.5452** is the 20% darker color. If you saturate the color by 10%, you get **19.7114, 25.3951, 5.0515**, and if you desaturate by 10%, it is **20.8908, 25.9393, 7.9897**.

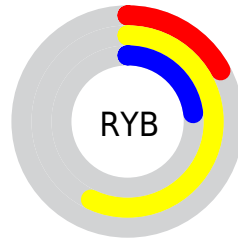
Distribution



Red (52%)

Green (57%)

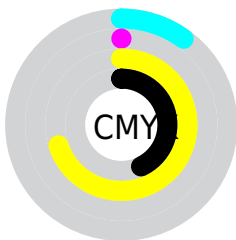
Blue (17%)



Red (17%)

Yellow (57%)

Blue (23%)

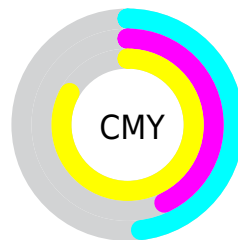


Cyan (10%)

Magenta (0%)

Yellow (70%)

Black (43%)



Cyan (48%)


Magenta (43%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.2492, 25.6452, 6.2656 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 20.2492, 25.6452, 6.2656 by changing the saturation by 10% instead.


 20.2492, 25.6452,
6.2656


 20.2492, 25.6452,
6.2656

246.0689,
281.0360, 170.8063


 12.6856, 16.5584,
2.9359


 43.3354, 52.7020,
18.9668


 7.2879, 9.9201,
1.0620


 59.5887, 71.4408,
29.1754


 3.6907, 5.3460,
0.0000

 79.4692, 94.1657,
42.5140

 1.5287, 2.4517,
0.0000

 103.3425,
121.2612, 59.4012

 0.3452, 0.8523,
0.0000

 131.5737,
153.1115, 80.2554

 0.0000, 0.0000,
0.0000

 164.5283,

190.1012, 105.4953

202.5716,
232.6146, 135.5394

■ 20.2492, 25.6452,
6.2656

■ 20.2492, 25.6452,
6.2656

■ 19.7114, 25.3951,
5.0515

■ 20.8908, 25.9393,
7.9897

■ 19.2649, 25.1814,
4.2897

■ 21.6436, 26.2777,
10.2702

■ 18.8826, 24.9940,
3.8349

■ 22.5163, 26.6648,
13.1501

■ 18.8774, 24.9914,
3.8289

■ 23.5161, 27.1034,
16.6679

■ 24.6499, 27.5963,
20.8586

■ 25.9238, 28.1459,
25.7549

■ 27.3436, 28.7547,
31.3872

■ 28.9148, 29.4247,
37.7843

■ 30.6426, 30.1581,
44.9732

Harmonies

Analogous

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



26.3688, 25.6452, 5.5989



20.2492, 25.6452, 6.2656



16.0301, 25.6452, 11.0945

Triad

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



20.2492, 25.6452, 6.2656



17.4200, 25.6452, 65.0944



38.6283, 25.6452, 33.8619

Complementary

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



20.2492, 25.6452, 6.2656



7.8348, 4.7768, 27.7049

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.



35.2059, 25.6452, 56.5035



20.2492, 25.6452, 6.2656



22.4843, 25.6452, 79.0602

Square

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



20.2492, 25.6452, 6.2656



14.6060, 25.6452, 42.4518



29.0263, 25.6452, 75.3695



37.7459, 25.6452, 17.1571

Rectangle

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



20.2492, 25.6452, 6.2656



14.5118, 25.6452, 17.9229



29.0263, 25.6452, 75.3695



37.9238, 25.6452, 41.0861

Sweetspot

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



20.2498, 25.6464, 6.2661



43.1539, 48.5376, 35.5586



13.8026, 9.2795, 3.4468



9.4890, 10.7495, 7.4961



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.2498, 25.6464, 6.2661



34.2929, 44.5696, 8.0366



14.1622, 22.5081, 5.9812



6.1880, 6.7047, 6.2085



16.6250, 21.9983, 3.3699



0.2209, 0.2782, 0.0421

Inverse Universe

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



7.8348, 4.7768, 27.7049



11.0358, 5.3283, 48.4204



12.3474, 7.1032, 27.9161



5.5692, 5.6689, 7.2704



4.8325, 1.9638, 24.0554



0.0734, 0.0314, 0.2951

Previews

White Background



This preview shows how the XYZ color 20.2492, 25.6452, 6.2656 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 20.2492, 25.6452, 6.2656 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 20.2492, 25.6452, 6.2656

Background



This preview shows how black text looks on a background with the XYZ color 20.2492, 25.6452, 6.2656.



This preview shows how white text looks on a background with the XYZ color 20.2492, 25.6452,

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

20.2492, 25.6452, 6.2656

Protanopia

23.1681, 25.6010, 5.9109

Deuteranopia

25.9043, 25.3386, 6.4313



Tritanopia

25.2259, 25.4657, 31.1896

Trichromacy



Original Color

20.2492, 25.6452, 6.2656

Protanomaly

22.1417, 25.7235, 6.0836

Deuteranomaly

23.4178, 25.0827, 6.2965

Tritanomaly

22.6738, 25.2852, 18.4374

Monochromacy



Original Color

20.2492, 25.6452, 6.2656

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4164, 23.3345, 15.2323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2492, 25.6452, 6.2656 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(132, 146, 44)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 44)  
}
```

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(132, 146, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 44) }
```

Border

The CSS property to change the border of an element to XYZ 20.2492, 25.6452, 6.2656 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(132, 146, 44) }
```


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

```
.border{ border-color:rgb(132, 146, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 146, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 146, 44); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 146, 44); box-shadow:4px 4px 4px 4px rgb(132, 146, 44) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2492, 25.6452, 6.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 146, 44) }
```

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

```
.background{ background-color: rgb(132,  
146, 44) }
```

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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